

# Liftcrane Jib Capacities

Jib No. 117 on  
 Boom No. B10:290  
 45,400 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

## MLC100-1 SERIES 1



**LIFTING CAPACITIES:** Chart supplements Boom Capacity chart **No. 9717-A**. 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, jib lengths, and jib 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.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib point sheaves is considered part of load. Boom and jib are 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.

**OPERATING CONDITIONS:** Machine to operate on a firm and uniformly supporting surface with machine list not to exceed degrees noted. Refer to Boom Rigging **No. 84054317**, Jib Rigging **No. 84054323**, Wire Rope Specifications chart **No. 9714-A**, Counterweight Arrangements chart **No. 9703-A**, and Wind Conditions chart **No. 9713-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, 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.



**JIB POINT ELEVATION:** Jib point elevation is vertical distance from barge deck to centerline of jib point shaft.

**MACHINE EQUIPMENT:** Machine equipped with 21 ft 3 in. crawlers, 35 in. treads, 14 ft 5 in. gantry, 8 part boom hoist reeving, two 32 mm boom pendants, 45,400 lb crane counterweight, and 0 lb carbody counterweight.

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 and jib 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. Raising is not permitted in shaded areas of table.

**Caution:** Combined weight beneath boom and jib point sheaves must not exceed block weight shown. Total weight beneath jib point must not exceed 700 lb.

**Table 1**

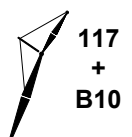
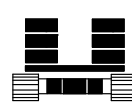
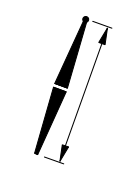
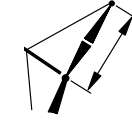
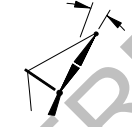
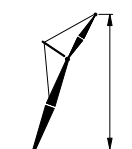
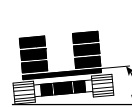
| Over End or Side of Crawlers |                       |         |         |         |         |         |         |         |
|------------------------------|-----------------------|---------|---------|---------|---------|---------|---------|---------|
| Boom Length<br>(ft)          | Jib No. 117           |         |         |         |         |         |         |         |
|                              | 30.0 ft               |         | 40.0 ft |         | 50.0 ft |         | 60.0 ft |         |
|                              | 0°                    | 1° - 3° | 0°      | 1° - 3° | 0°      | 1° - 3° | 0°      | 1° - 3° |
|                              | Block Weight (lb)     |         |         |         |         |         |         |         |
| 42.7 - 101.7                 | 3,800                 | 3,800   | 3,800   | 3,800   | 3,800   | 3,800   | 3,800   | 3,800   |
| 111.5                        | 3,800                 | 3,800   | 3,800   | 3,800   | 2,650   | 2,650   | 2,650   | 2,650   |
| 121.4                        | 2,650                 | 2,650   | 700     | 700     | 700     | 700     | 700     | 700     |
| 131.2                        | 700                   | 700     | 700     | 700     | 700     | 700     | #       | #       |
| 141.1                        | #                     | #       | #       | #       | #       | #       |         |         |
| 150.9                        | Raising Not Permitted |         |         |         |         |         |         |         |
| 160.8                        |                       |         |         |         |         |         |         |         |

**Table 2**

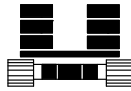
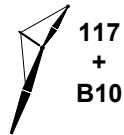
| Over End of Blocked Crawlers |                   |         |                       |         |         |         |         |         |
|------------------------------|-------------------|---------|-----------------------|---------|---------|---------|---------|---------|
| Boom Length<br>(ft)          | Jib No. 117       |         |                       |         |         |         |         |         |
|                              | 30.0 ft           |         | 40.0 ft               |         | 50.0 ft |         | 60.0 ft |         |
|                              | 0°                | 1° - 3° | 0°                    | 1° - 3° | 0°      | 1° - 3° | 0°      | 1° - 3° |
|                              | Block Weight (lb) |         |                       |         |         |         |         |         |
| 42.7 - 101.7                 | 3,800             | 3,800   | 3,800                 | 3,800   | 3,800   | 3,800   | 3,800   | 3,800   |
| 111.5                        | 3,800             | 3,800   | 3,800                 | 3,800   | 3,800   | 3,800   | 3,800   | 3,800   |
| 121.4                        | 3,800             | 3,800   | 3,800                 | 3,800   | 3,800   | 3,800   | 2,650   | 2,650   |
| 131.2                        | 2,650             | 2,650   | 2,650                 | 2,650   | 2,650   | 2,650   | 700     | 700     |
| 141.1                        | 700               | 700     | 700                   | 700     | 700     | 700     | 700     | 700     |
| 150.9                        | 700               | 700     | 700                   | 700     | #       | #       | #       | #       |
| 160.8                        | #                 | #       | Raising Not Permitted |         |         |         |         |         |
|                              |                   |         |                       |         |         |         |         |         |

**Warning:** Crane must remain in-line with crawlers when raising over end of blocked crawlers until operating radius is within 360 degree chart. Crane tipping or structural damage can occur.

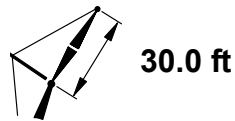
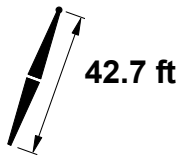
## Explanation of Symbols

|                                                                                     |                                                   |
|-------------------------------------------------------------------------------------|---------------------------------------------------|
|    | Jib No. 117<br>+<br>Boom No. B10:290              |
|    | Crane Counterweight<br>+<br>Carbody Counterweight |
|    | 360 Degree Rating                                 |
|    | Boom Length                                       |
|   | Jib Length                                        |
|  | Jib Offset Angle                                  |
|  | Operating Radius<br>(see page 1)                  |
|  | Boom Angle<br>(see page 1)                        |
|  | Jib Point Elevation<br>(see page 1)               |
|  | Machine List                                      |
|  | Lifting Capacities<br>(see page 1)                |

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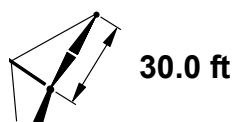
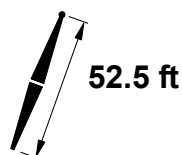


45,400 lb  
+  
0 lb



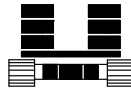
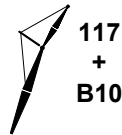
|    |      | 10°  |        |        |        |        |      | 30°  |        |        |        |        |    |
|----|------|------|--------|--------|--------|--------|------|------|--------|--------|--------|--------|----|
|    |      |      |        |        |        |        |      |      |        |        |        |        |    |
|    |      | 0°   | 1°     | 2°     | 3°     | 0°     | 1°   | 2°   | 3°     |        |        |        |    |
| ft | °    | ft   | lb     | lb     | lb     | lb     | °    | ft   | lb     | lb     | lb     | lb     | ft |
| 24 | 79.8 | 77.9 | 27,600 | 27,600 |        |        |      |      |        |        |        |        | 24 |
| 26 | 78.1 | 77.3 | 27,600 | 27,600 | 25,300 |        |      |      |        |        |        |        | 26 |
| 28 | 76.5 | 76.7 | 27,600 | 27,600 | 25,100 | 22,700 |      |      |        |        |        |        | 28 |
| 30 | 74.9 | 76.0 | 27,600 | 27,600 | 24,900 | 22,500 |      |      |        |        |        |        | 30 |
| 32 | 73.2 | 75.2 | 27,600 | 27,500 | 24,700 | 22,400 | 79.8 | 73.0 | 20,700 | 20,300 |        |        | 32 |
| 34 | 71.5 | 74.4 | 27,600 | 27,300 | 24,500 | 22,300 | 78.0 | 72.2 | 20,000 | 19,600 | 19,300 |        | 34 |
| 36 | 69.8 | 73.5 | 27,600 | 27,100 | 24,300 | 22,100 | 76.3 | 71.2 | 19,400 | 19,100 | 18,700 | 18,500 | 36 |
| 38 | 68.1 | 72.5 | 27,600 | 26,800 | 24,100 | 22,000 | 74.5 | 70.2 | 18,800 | 18,500 | 18,200 | 18,000 | 38 |
| 40 | 66.3 | 71.4 | 27,600 | 26,700 | 24,000 | 21,900 | 72.6 | 69.1 | 18,300 | 18,000 | 17,700 | 17,500 | 40 |
| 42 | 64.5 | 70.3 | 27,600 | 26,500 | 23,800 | 21,700 | 70.8 | 67.9 | 17,800 | 17,500 | 17,300 | 17,100 | 42 |
| 44 | 62.7 | 69.1 | 27,600 | 26,300 | 23,700 | 21,600 | 68.9 | 66.7 | 17,300 | 17,100 | 16,900 | 16,600 | 44 |
| 46 | 60.8 | 67.8 | 27,600 | 26,200 | 23,600 | 21,500 | 66.9 | 65.3 | 16,900 | 16,700 | 16,500 | 16,300 | 46 |
| 48 | 58.9 | 66.4 | 26,700 | 25,700 | 23,400 | 21,400 | 64.9 | 63.8 | 16,500 | 16,300 | 16,100 | 15,900 | 48 |
| 50 | 56.9 | 64.8 | 25,300 | 24,300 | 23,300 | 21,300 | 62.9 | 62.2 | 16,100 | 15,900 | 15,700 | 15,600 | 50 |
| 55 | 51.8 | 60.5 | 22,300 | 21,500 | 20,800 | 20,100 | 57.5 | 57.7 | 15,200 | 15,100 | 15,000 | 14,800 | 55 |
| 60 | 46.2 | 55.4 | 19,800 | 19,200 | 18,600 | 18,000 | 51.5 | 52.2 | 14,500 | 14,400 | 14,300 | 14,200 | 60 |
| 65 | 39.9 | 49.0 | 17,700 | 17,200 | 16,800 | 16,300 | 44.7 | 45.3 | 13,900 | 13,900 | 13,800 | 13,700 | 65 |
| 70 | 32.3 | 40.7 | 16,000 | 15,600 | 15,200 | 14,900 | 36.2 | 36.0 | 13,500 | 13,500 | 13,500 | 13,400 | 70 |
| 75 | 22.0 | 28.3 | 14,400 | 14,200 | 13,900 | 13,600 |      |      |        |        |        |        | 75 |

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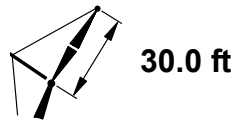
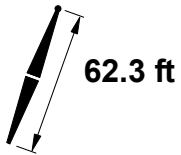


|    | 10°  |   |      |          |          |          |          | 30°  |      |          |          |          |          |    |
|----|------|---|------|----------|----------|----------|----------|------|------|----------|----------|----------|----------|----|
|    |      |   |      |          |          |          |          |      |      |          |          |          |          |    |
|    | ft   | ° | ft   | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | °    | ft   | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft |
| 24 | 81.0 |   | 88.0 | 27,600   |          |          |          |      |      |          |          |          |          | 24 |
| 26 | 79.6 |   | 87.5 | 27,600   | 27,600   |          |          |      |      |          |          |          |          | 26 |
| 28 | 78.2 |   | 87.0 | 27,600   | 27,600   | 25,200   |          |      |      |          |          |          |          | 28 |
| 30 | 76.7 |   | 86.4 | 27,600   | 27,600   | 25,100   | 22,700   |      |      |          |          |          |          | 30 |
| 32 | 75.3 |   | 85.7 | 27,600   | 27,600   | 24,900   | 22,600   |      |      |          |          |          |          | 32 |
| 34 | 73.8 |   | 85.0 | 27,600   | 27,600   | 24,700   | 22,400   | 79.6 | 82.6 | 20,500   | 20,100   |          |          | 34 |
| 36 | 72.3 |   | 84.2 | 27,600   | 27,300   | 24,500   | 22,300   | 78.1 | 81.8 | 19,900   | 19,600   | 19,300   |          | 36 |
| 38 | 70.8 |   | 83.3 | 27,600   | 27,200   | 24,400   | 22,200   | 76.5 | 80.9 | 19,400   | 19,100   | 18,800   | 17,200   | 38 |
| 40 | 69.3 |   | 82.4 | 27,600   | 27,000   | 24,200   | 22,000   | 75.0 | 80.0 | 18,900   | 18,600   | 18,300   | 16,900   | 40 |
| 42 | 67.8 |   | 81.5 | 27,600   | 26,800   | 24,100   | 21,900   | 73.4 | 79.0 | 18,400   | 18,200   | 17,900   | 16,500   | 42 |
| 44 | 66.3 |   | 80.4 | 27,600   | 26,700   | 24,000   | 21,800   | 71.8 | 77.9 | 18,000   | 17,700   | 17,500   | 16,300   | 44 |
| 46 | 64.7 |   | 79.3 | 27,600   | 26,500   | 23,900   | 21,700   | 70.2 | 76.8 | 17,600   | 17,300   | 17,100   | 16,000   | 46 |
| 48 | 63.1 |   | 78.1 | 26,500   | 25,300   | 23,700   | 21,600   | 68.5 | 75.6 | 17,200   | 17,000   | 16,700   | 15,700   | 48 |
| 50 | 61.5 |   | 76.9 | 25,100   | 24,000   | 22,900   | 21,500   | 66.8 | 74.3 | 16,800   | 16,600   | 16,400   | 15,500   | 50 |
| 55 | 57.3 |   | 73.4 | 22,000   | 21,100   | 20,300   | 19,500   | 62.4 | 70.6 | 16,000   | 15,800   | 15,600   | 14,800   | 55 |
| 60 | 52.8 |   | 69.3 | 19,500   | 18,800   | 18,200   | 17,500   | 57.8 | 66.3 | 15,200   | 15,100   | 15,000   | 14,300   | 60 |
| 65 | 48.0 |   | 64.4 | 17,500   | 16,900   | 16,300   | 15,800   | 52.7 | 61.2 | 14,600   | 14,500   | 14,400   | 13,800   | 65 |
| 70 | 42.8 |   | 58.7 | 15,700   | 15,300   | 14,800   | 14,400   | 47.2 | 55.1 | 14,100   | 14,000   | 13,900   | 13,500   | 70 |
| 75 | 36.9 |   | 51.6 | 14,200   | 13,900   | 13,500   | 13,100   | 40.7 | 47.4 | 13,700   | 13,600   | 13,600   | 13,300   | 75 |
| 80 | 29.7 |   | 42.6 | 12,900   | 12,600   | 12,300   | 12,000   | 32.6 | 37.1 | 13,000   | 12,700   | 12,400   | 12,100   | 80 |

# MLC100-1 S-1

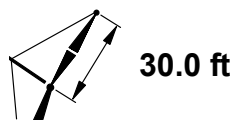
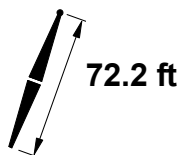


45,400 lb  
+  
0 lb



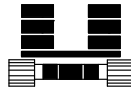
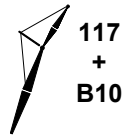
|    |      |      | 10°      |          |          |          | 30°  |      |          |          |          |          |    |
|----|------|------|----------|----------|----------|----------|------|------|----------|----------|----------|----------|----|
|    |      |      |          |          |          |          |      |      |          |          |          |          |    |
| ft | °    | ft   | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | °    | ft   | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft |
| 26 | 80.7 | 97.6 | 27,600   | 27,600   |          |          |      |      |          |          |          |          | 26 |
| 28 | 79.4 | 97.2 | 27,600   | 27,600   |          |          |      |      |          |          |          |          | 28 |
| 30 | 78.2 | 96.6 | 27,600   | 27,600   | 25,100   |          |      |      |          |          |          |          | 30 |
| 32 | 76.9 | 96.0 | 27,600   | 27,600   | 25,000   | 22,700   |      |      |          |          |          |          | 32 |
| 34 | 75.6 | 95.4 | 27,600   | 27,600   | 24,800   | 22,500   | 80.8 | 92.9 | 20,900   |          |          |          | 34 |
| 36 | 74.3 | 94.7 | 27,600   | 27,600   | 24,700   | 22,400   | 79.4 | 92.2 | 20,400   | 20,000   |          |          | 36 |
| 38 | 73.0 | 94.0 | 27,600   | 27,400   | 24,600   | 22,300   | 78.1 | 91.5 | 19,900   | 19,600   | 19,200   |          | 38 |
| 40 | 71.7 | 93.2 | 27,600   | 27,200   | 24,400   | 22,200   | 76.7 | 90.6 | 19,400   | 19,100   | 18,800   | 18,500   | 40 |
| 42 | 70.3 | 92.3 | 27,600   | 27,100   | 24,300   | 22,100   | 75.3 | 89.8 | 19,000   | 18,700   | 18,400   | 18,100   | 42 |
| 44 | 69.0 | 91.4 | 27,600   | 27,000   | 24,200   | 21,900   | 74.0 | 88.8 | 18,600   | 18,300   | 18,000   | 17,700   | 44 |
| 46 | 67.6 | 90.4 | 27,600   | 26,400   | 24,100   | 21,800   | 72.5 | 87.8 | 18,200   | 17,900   | 17,600   | 17,400   | 46 |
| 48 | 66.2 | 89.4 | 26,300   | 24,900   | 23,700   | 21,800   | 71.1 | 86.8 | 17,800   | 17,500   | 17,300   | 17,100   | 48 |
| 50 | 64.8 | 88.3 | 24,800   | 23,600   | 22,500   | 21,400   | 69.7 | 85.7 | 17,400   | 17,200   | 17,000   | 16,700   | 50 |
| 55 | 61.2 | 85.3 | 21,800   | 20,800   | 19,900   | 19,000   | 66.0 | 82.6 | 16,600   | 16,400   | 16,200   | 16,000   | 55 |
| 60 | 57.5 | 81.9 | 19,300   | 18,500   | 17,700   | 17,000   | 62.1 | 79.0 | 15,900   | 15,700   | 15,500   | 15,400   | 60 |
| 65 | 53.6 | 77.9 | 17,200   | 16,600   | 15,900   | 15,300   | 58.0 | 74.9 | 15,200   | 15,100   | 15,000   | 14,800   | 65 |
| 70 | 49.4 | 73.3 | 15,500   | 14,900   | 14,400   | 13,900   | 53.6 | 70.1 | 14,700   | 14,600   | 14,500   | 14,200   | 70 |
| 75 | 44.9 | 68.0 | 14,000   | 13,500   | 13,100   | 12,700   | 48.9 | 64.4 | 14,200   | 13,800   | 13,300   | 12,900   | 75 |
| 80 | 40.0 | 61.7 | 12,700   | 12,300   | 11,900   | 11,600   | 43.6 | 57.7 | 12,900   | 12,500   | 12,100   | 11,800   | 80 |
| 85 | 34.4 | 54.1 | 11,600   | 11,300   | 10,900   | 10,600   | 37.4 | 49.3 | 11,700   | 11,400   | 11,100   | 10,800   | 85 |
| 90 | 27.6 | 44.3 | 10,600   | 10,300   | 10,100   | 9,800    |      |      |          |          |          |          | 90 |

# MLC100-1 S-1

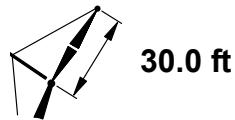
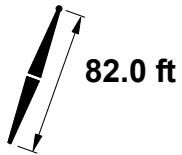


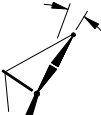
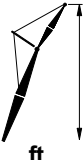
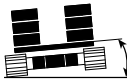
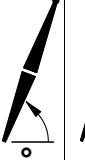
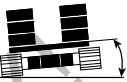
|     | 10°  |   |       |          |          |          |          | 30°  |       |        |          |          |          |          |
|-----|------|---|-------|----------|----------|----------|----------|------|-------|--------|----------|----------|----------|----------|
|     |      |   |       |          |          |          |          |      |       |        |          |          |          |          |
|     | ft   | ° | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft   | °     | ft     | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb |
| 28  | 80.5 |   | 107.3 | 27,600   |          |          |          |      |       |        |          |          |          | 28       |
| 30  | 79.3 |   | 106.8 | 27,600   | 27,600   |          |          |      |       |        |          |          |          | 30       |
| 32  | 78.2 |   | 106.2 | 27,600   | 27,600   | 25,100   |          |      |       |        |          |          |          | 32       |
| 34  | 77.0 |   | 105.7 | 27,600   | 27,600   | 24,900   | 22,500   |      |       |        |          |          |          | 34       |
| 36  | 75.9 |   | 105.1 | 27,600   | 27,600   | 24,800   | 22,500   | 80.5 | 102.5 | 20,800 |          |          |          | 36       |
| 38  | 74.7 |   | 104.4 | 27,600   | 27,600   | 24,700   | 22,300   | 79.3 | 101.8 | 20,300 | 20,000   |          |          | 38       |
| 40  | 73.5 |   | 103.7 | 27,600   | 27,500   | 24,600   | 22,300   | 78.1 | 101.1 | 19,900 | 19,500   | 19,200   |          | 40       |
| 42  | 72.3 |   | 102.9 | 27,600   | 27,300   | 24,500   | 22,100   | 76.9 | 100.3 | 19,500 | 19,100   | 18,800   | 18,300   | 42       |
| 44  | 71.1 |   | 102.1 | 27,600   | 27,200   | 24,300   | 22,100   | 75.6 | 99.5  | 19,100 | 18,700   | 18,400   | 18,200   | 44       |
| 46  | 69.9 |   | 101.3 | 27,600   | 26,000   | 24,200   | 22,000   | 74.4 | 98.6  | 18,700 | 18,400   | 18,100   | 17,800   | 46       |
| 48  | 68.7 |   | 100.4 | 26,100   | 24,600   | 23,200   | 21,900   | 73.1 | 97.7  | 18,300 | 18,000   | 17,800   | 17,500   | 48       |
| 50  | 67.5 |   | 99.4  | 24,600   | 23,300   | 22,000   | 20,900   | 71.9 | 96.7  | 18,000 | 17,700   | 17,400   | 17,200   | 50       |
| 55  | 64.3 |   | 96.8  | 21,600   | 20,500   | 19,500   | 18,500   | 68.6 | 94.0  | 17,200 | 16,900   | 16,700   | 16,500   | 55       |
| 60  | 61.1 |   | 93.8  | 19,100   | 18,200   | 17,400   | 16,600   | 65.3 | 90.9  | 16,400 | 16,200   | 16,100   | 15,900   | 60       |
| 65  | 57.7 |   | 90.4  | 17,000   | 16,300   | 15,600   | 14,900   | 61.8 | 87.4  | 15,800 | 15,600   | 15,500   | 15,300   | 65       |
| 70  | 54.2 |   | 86.5  | 15,300   | 14,700   | 14,100   | 13,500   | 58.2 | 83.4  | 15,200 | 15,000   | 14,400   | 13,800   | 70       |
| 75  | 50.5 |   | 82.2  | 13,800   | 13,300   | 12,800   | 12,300   | 54.3 | 78.8  | 14,100 | 13,600   | 13,100   | 12,600   | 75       |
| 80  | 46.6 |   | 77.2  | 12,500   | 12,100   | 11,600   | 11,200   | 50.2 | 73.5  | 12,700 | 12,300   | 11,900   | 11,500   | 80       |
| 85  | 42.3 |   | 71.4  | 11,400   | 11,000   | 10,600   | 10,300   | 45.7 | 67.4  | 11,600 | 11,200   | 10,800   | 10,500   | 85       |
| 90  | 37.6 |   | 64.6  | 10,400   | 10,100   | 9,800    | 9,500    | 40.6 | 60.1  | 10,500 | 10,200   | 9,900    | 9,600    | 90       |
| 95  | 32.3 |   | 56.4  | 9,500    | 9,200    | 9,000    | 8,700    | 34.7 | 51.1  | 9,600  | 9,300    | 9,100    | 8,800    | 95       |
| 100 | 25.8 |   | 45.8  | 8,700    | 8,500    | 8,300    | 8,000    |      |       |        |          |          |          | 100      |

# MLC100-1 S-1



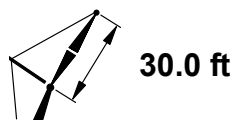
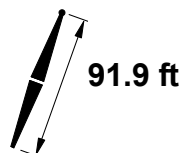
45,400 lb  
+  
0 lb

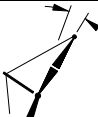
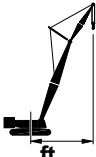
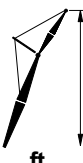
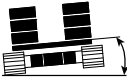
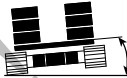


|     | <br>10° |                                                                                        |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                         | <br>30° |                                                                                        |                                                                                           |                                                                                           |                                                                                           |                                                                                           |                                                                                           |  |
|-----|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--|
|     | <br>ft  | <br>° | <br>ft |        |                                                                                         |                                                                                         |                                                                                         | <br>ft    | <br>° |        |                                                                                           |                                                                                           |                                                                                           | <br>ft |  |
|     |                                                                                          |                                                                                        |                                                                                         | <br>lb | <br>lb | <br>lb | <br>lb |                                                                                            |                                                                                        | <br>lb | <br>lb | <br>lb | <br>lb |                                                                                           |  |
|     |                                                                                          |                                                                                        |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                            |                                                                                        |                                                                                           |                                                                                           |                                                                                           |                                                                                           |                                                                                           |  |
| 30  | 80.3                                                                                     | 116.9                                                                                  | 27,600                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                            |                                                                                        |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 30                                                                                        |  |
| 32  | 79.2                                                                                     | 116.4                                                                                  | 27,600                                                                                  | 27,600                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                            |                                                                                        |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 32                                                                                        |  |
| 34  | 78.2                                                                                     | 115.9                                                                                  | 27,600                                                                                  | 27,600                                                                                  | 24,900                                                                                  |                                                                                         |                                                                                         |                                                                                            |                                                                                        |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 34                                                                                        |  |
| 36  | 77.1                                                                                     | 115.3                                                                                  | 27,600                                                                                  | 27,600                                                                                  | 24,900                                                                                  | 22,500                                                                                  |                                                                                         |                                                                                            |                                                                                        |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 36                                                                                        |  |
| 38  | 76.1                                                                                     | 114.7                                                                                  | 27,600                                                                                  | 27,600                                                                                  | 24,700                                                                                  | 22,400                                                                                  | 80.3                                                                                    | 112.1                                                                                      | 20,700                                                                                 |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 38                                                                                        |  |
| 40  | 75.0                                                                                     | 114.1                                                                                  | 27,600                                                                                  | 27,600                                                                                  | 24,600                                                                                  | 22,300                                                                                  | 79.2                                                                                    | 111.4                                                                                      | 20,300                                                                                 | 19,900                                                                                    |                                                                                           |                                                                                           |                                                                                           | 40                                                                                        |  |
| 42  | 73.9                                                                                     | 113.4                                                                                  | 27,600                                                                                  | 27,400                                                                                  | 24,500                                                                                  | 22,200                                                                                  | 78.1                                                                                    | 110.7                                                                                      | 19,900                                                                                 | 19,500                                                                                    | 19,200                                                                                    |                                                                                           |                                                                                           | 42                                                                                        |  |
| 44  | 72.9                                                                                     | 112.7                                                                                  | 27,600                                                                                  | 27,200                                                                                  | 24,400                                                                                  | 22,100                                                                                  | 77.0                                                                                    | 110.0                                                                                      | 19,500                                                                                 | 19,200                                                                                    | 18,800                                                                                    | 17,700                                                                                    |                                                                                           | 44                                                                                        |  |
| 46  | 71.8                                                                                     | 111.9                                                                                  | 27,400                                                                                  | 25,600                                                                                  | 24,000                                                                                  | 22,000                                                                                  | 75.9                                                                                    | 109.2                                                                                      | 19,100                                                                                 | 18,800                                                                                    | 18,500                                                                                    | 17,700                                                                                    |                                                                                           | 46                                                                                        |  |
| 48  | 70.7                                                                                     | 111.1                                                                                  | 25,800                                                                                  | 24,200                                                                                  | 22,700                                                                                  | 21,400                                                                                  | 74.8                                                                                    | 108.4                                                                                      | 18,800                                                                                 | 18,500                                                                                    | 18,200                                                                                    | 17,700                                                                                    |                                                                                           | 48                                                                                        |  |
| 50  | 69.6                                                                                     | 110.3                                                                                  | 24,400                                                                                  | 22,900                                                                                  | 21,500                                                                                  | 20,300                                                                                  | 73.6                                                                                    | 107.5                                                                                      | 18,400                                                                                 | 18,100                                                                                    | 17,900                                                                                    | 17,600                                                                                    | 50                                                                                        |                                                                                           |  |
| 55  | 66.8                                                                                     | 107.9                                                                                  | 21,300                                                                                  | 20,100                                                                                  | 19,000                                                                                  | 18,000                                                                                  | 70.8                                                                                    | 105.1                                                                                      | 17,600                                                                                 | 17,400                                                                                    | 17,200                                                                                    | 16,900                                                                                    | 55                                                                                        |                                                                                           |  |
| 60  | 63.9                                                                                     | 105.3                                                                                  | 18,800                                                                                  | 17,900                                                                                  | 16,900                                                                                  | 16,100                                                                                  | 67.8                                                                                    | 102.4                                                                                      | 16,900                                                                                 | 16,700                                                                                    | 16,500                                                                                    | 16,300                                                                                    | 60                                                                                        |                                                                                           |  |
| 65  | 60.9                                                                                     | 102.3                                                                                  | 16,800                                                                                  | 16,000                                                                                  | 15,200                                                                                  | 14,500                                                                                  | 64.7                                                                                    | 99.3                                                                                       | 16,300                                                                                 | 16,100                                                                                    | 15,600                                                                                    | 14,900                                                                                    | 65                                                                                        |                                                                                           |  |
| 70  | 57.9                                                                                     | 98.9                                                                                   | 15,000                                                                                  | 14,300                                                                                  | 13,700                                                                                  | 13,100                                                                                  | 61.6                                                                                    | 95.8                                                                                       | 15,400                                                                                 | 14,700                                                                                    | 14,100                                                                                    | 13,500                                                                                    | 70                                                                                        |                                                                                           |  |
| 75  | 54.7                                                                                     | 95.1                                                                                   | 13,500                                                                                  | 13,000                                                                                  | 12,400                                                                                  | 11,900                                                                                  | 58.3                                                                                    | 91.9                                                                                       | 13,900                                                                                 | 13,300                                                                                    | 12,700                                                                                    | 12,200                                                                                    | 75                                                                                        |                                                                                           |  |
| 80  | 51.4                                                                                     | 90.9                                                                                   | 12,300                                                                                  | 11,800                                                                                  | 11,300                                                                                  | 10,800                                                                                  | 54.8                                                                                    | 87.5                                                                                       | 12,500                                                                                 | 12,000                                                                                    | 11,600                                                                                    | 11,100                                                                                    | 80                                                                                        |                                                                                           |  |
| 85  | 47.9                                                                                     | 86.1                                                                                   | 11,100                                                                                  | 10,700                                                                                  | 10,300                                                                                  | 9,900                                                                                   | 51.2                                                                                    | 82.5                                                                                       | 11,400                                                                                 | 10,900                                                                                    | 10,500                                                                                    | 10,100                                                                                    | 85                                                                                        |                                                                                           |  |
| 90  | 44.1                                                                                     | 80.7                                                                                   | 10,100                                                                                  | 9,800                                                                                   | 9,400                                                                                   | 9,100                                                                                   | 47.2                                                                                    | 76.8                                                                                       | 10,300                                                                                 | 10,000                                                                                    | 9,600                                                                                     | 9,300                                                                                     | 90                                                                                        |                                                                                           |  |
| 95  | 40.1                                                                                     | 74.5                                                                                   | 9,300                                                                                   | 8,900                                                                                   | 8,600                                                                                   | 8,300                                                                                   | 42.9                                                                                    | 70.2                                                                                       | 9,400                                                                                  | 9,100                                                                                     | 8,800                                                                                     | 8,500                                                                                     | 95                                                                                        |                                                                                           |  |
| 100 | 35.6                                                                                     | 67.2                                                                                   | 8,500                                                                                   | 8,200                                                                                   | 7,900                                                                                   | 7,700                                                                                   | 38.1                                                                                    | 62.4                                                                                       | 8,600                                                                                  | 8,300                                                                                     | 8,000                                                                                     | 7,800                                                                                     | 100                                                                                       |                                                                                           |  |
| 105 | 30.5                                                                                     | 58.5                                                                                   | 7,800                                                                                   | 7,500                                                                                   | 7,300                                                                                   | 7,100                                                                                   | 32.4                                                                                    | 52.7                                                                                       | 7,800                                                                                  | 7,600                                                                                     | 7,400                                                                                     | 7,100                                                                                     | 105                                                                                       |                                                                                           |  |
| 110 | 24.2                                                                                     | 47.3                                                                                   | 7,100                                                                                   | 6,900                                                                                   | 6,700                                                                                   | 6,500                                                                                   |                                                                                         |                                                                                            |                                                                                        |                                                                                           |                                                                                           |                                                                                           | 110                                                                                       |                                                                                           |  |

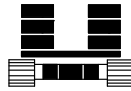
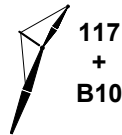


# MLC100-1 S-1

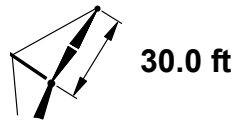
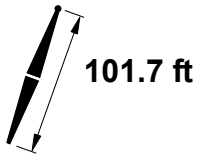


|     |  10° |                                                                                   |                                                                                   |                                                                                               |                                                                                               |                                                                                               |                                                                                               |  30° |                                                                                    |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 |     |  |
|-----|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----|--|
|     |      |  |  |              |                                                                                               |                                                                                               |                                                                                               |        |  |              |                                                                                                 |                                                                                                 |                                                                                                 |     |  |
|     |                                                                                       |                                                                                   |                                                                                   | 0°<br><br>lb | 1°<br><br>lb | 2°<br><br>lb | 3°<br><br>lb |                                                                                         |                                                                                    | 0°<br><br>lb | 1°<br><br>lb | 2°<br><br>lb | 3°<br><br>lb |     |  |
| ft  | °                                                                                     | ft                                                                                | lb                                                                                | lb                                                                                            | lb                                                                                            | lb                                                                                            | ft                                                                                            | °                                                                                       | ft                                                                                 | lb                                                                                              | lb                                                                                              | lb                                                                                              | lb                                                                                              | ft  |  |
| 32  | 80.1                                                                                  | 126.5                                                                             | 27,600                                                                            |                                                                                               |                                                                                               |                                                                                               |                                                                                               |                                                                                         |                                                                                    |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 32  |  |
| 34  | 79.2                                                                                  | 126.0                                                                             | 27,600                                                                            | 27,600                                                                                        |                                                                                               |                                                                                               |                                                                                               |                                                                                         |                                                                                    |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 34  |  |
| 36  | 78.2                                                                                  | 125.5                                                                             | 27,600                                                                            | 27,600                                                                                        | 24,800                                                                                        |                                                                                               |                                                                                               |                                                                                         |                                                                                    |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 36  |  |
| 38  | 77.2                                                                                  | 125.0                                                                             | 27,600                                                                            | 27,600                                                                                        | 24,700                                                                                        | 22,300                                                                                        |                                                                                               |                                                                                         |                                                                                    |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 38  |  |
| 40  | 76.3                                                                                  | 124.4                                                                             | 27,600                                                                            | 27,600                                                                                        | 24,600                                                                                        | 22,300                                                                                        | 80.1                                                                                          | 121.7                                                                                   | 20,600                                                                             |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 40  |  |
| 42  | 75.3                                                                                  | 123.8                                                                             | 27,600                                                                            | 27,500                                                                                        | 24,600                                                                                        | 22,200                                                                                        | 79.1                                                                                          | 121.1                                                                                   | 20,200                                                                             | 19,900                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 | 42  |  |
| 44  | 74.3                                                                                  | 123.1                                                                             | 27,600                                                                            | 26,800                                                                                        | 24,500                                                                                        | 22,100                                                                                        | 78.1                                                                                          | 120.4                                                                                   | 19,900                                                                             | 19,500                                                                                          | 19,200                                                                                          |                                                                                                 |                                                                                                 | 44  |  |
| 46  | 73.3                                                                                  | 122.4                                                                             | 27,200                                                                            | 25,300                                                                                        | 23,600                                                                                        | 22,000                                                                                        | 77.1                                                                                          | 119.7                                                                                   | 19,500                                                                             | 19,200                                                                                          | 18,800                                                                                          | 17,200                                                                                          |                                                                                                 | 46  |  |
| 48  | 72.3                                                                                  | 121.7                                                                             | 25,600                                                                            | 23,900                                                                                        | 22,300                                                                                        | 20,900                                                                                        | 76.1                                                                                          | 118.9                                                                                   | 19,200                                                                             | 18,800                                                                                          | 18,500                                                                                          | 17,200                                                                                          |                                                                                                 | 48  |  |
| 50  | 71.3                                                                                  | 120.9                                                                             | 24,200                                                                            | 22,600                                                                                        | 21,200                                                                                        | 19,800                                                                                        | 75.1                                                                                          | 118.1                                                                                   | 18,800                                                                             | 18,500                                                                                          | 18,200                                                                                          | 17,200                                                                                          |                                                                                                 | 50  |  |
| 55  | 68.8                                                                                  | 118.8                                                                             | 21,100                                                                            | 19,900                                                                                        | 18,700                                                                                        | 17,600                                                                                        | 72.5                                                                                          | 115.9                                                                                   | 18,100                                                                             | 17,800                                                                                          | 17,600                                                                                          | 17,200                                                                                          |                                                                                                 | 55  |  |
| 60  | 66.2                                                                                  | 116.4                                                                             | 18,700                                                                            | 17,600                                                                                        | 16,600                                                                                        | 15,700                                                                                        | 69.8                                                                                          | 113.5                                                                                   | 17,400                                                                             | 17,200                                                                                          | 16,900                                                                                          | 16,200                                                                                          |                                                                                                 | 60  |  |
| 65  | 63.5                                                                                  | 113.7                                                                             | 16,600                                                                            | 15,700                                                                                        | 14,900                                                                                        | 14,100                                                                                        | 67.1                                                                                          | 110.7                                                                                   | 16,800                                                                             | 16,200                                                                                          | 15,400                                                                                          | 14,600                                                                                          |                                                                                                 | 65  |  |
| 70  | 60.8                                                                                  | 110.7                                                                             | 14,900                                                                            | 14,100                                                                                        | 13,400                                                                                        | 12,700                                                                                        | 64.3                                                                                          | 107.7                                                                                   | 15,300                                                                             | 14,500                                                                                          | 13,800                                                                                          | 13,200                                                                                          |                                                                                                 | 70  |  |
| 75  | 58.0                                                                                  | 107.4                                                                             | 13,400                                                                            | 12,700                                                                                        | 12,100                                                                                        | 11,600                                                                                        | 61.4                                                                                          | 104.2                                                                                   | 13,800                                                                             | 13,100                                                                                          | 12,500                                                                                          | 11,900                                                                                          |                                                                                                 | 75  |  |
| 80  | 55.1                                                                                  | 103.7                                                                             | 12,100                                                                            | 11,600                                                                                        | 11,000                                                                                        | 10,500                                                                                        | 58.4                                                                                          | 100.4                                                                                   | 12,400                                                                             | 11,900                                                                                          | 11,300                                                                                          | 10,800                                                                                          |                                                                                                 | 80  |  |
| 85  | 52.1                                                                                  | 99.6                                                                              | 11,000                                                                            | 10,500                                                                                        | 10,000                                                                                        | 9,600                                                                                         | 55.3                                                                                          | 96.2                                                                                    | 11,300                                                                             | 10,800                                                                                          | 10,300                                                                                          | 9,900                                                                                           |                                                                                                 | 85  |  |
| 90  | 48.9                                                                                  | 95.0                                                                              | 10,000                                                                            | 9,600                                                                                         | 9,200                                                                                         | 8,800                                                                                         | 52.0                                                                                          | 91.4                                                                                    | 10,200                                                                             | 9,800                                                                                           | 9,400                                                                                           | 9,000                                                                                           |                                                                                                 | 90  |  |
| 95  | 45.6                                                                                  | 89.9                                                                              | 9,100                                                                             | 8,800                                                                                         | 8,400                                                                                         | 8,100                                                                                         | 48.5                                                                                          | 86.0                                                                                    | 9,300                                                                              | 9,000                                                                                           | 8,600                                                                                           | 8,300                                                                                           |                                                                                                 | 95  |  |
| 100 | 42.0                                                                                  | 84.1                                                                              | 8,300                                                                             | 8,000                                                                                         | 7,700                                                                                         | 7,400                                                                                         | 44.7                                                                                          | 79.9                                                                                    | 8,500                                                                              | 8,200                                                                                           | 7,900                                                                                           | 7,600                                                                                           |                                                                                                 | 100 |  |
| 105 | 38.1                                                                                  | 77.4                                                                              | 7,600                                                                             | 7,400                                                                                         | 7,100                                                                                         | 6,800                                                                                         | 40.6                                                                                          | 72.9                                                                                    | 7,700                                                                              | 7,500                                                                                           | 7,200                                                                                           | 6,900                                                                                           |                                                                                                 | 105 |  |
| 110 | 33.8                                                                                  | 69.7                                                                              | 7,000                                                                             | 6,700                                                                                         | 6,500                                                                                         | 6,300                                                                                         | 35.9                                                                                          | 64.5                                                                                    | 7,100                                                                              | 6,800                                                                                           | 6,600                                                                                           | 6,400                                                                                           |                                                                                                 | 110 |  |
| 115 | 28.9                                                                                  | 60.4                                                                              | 6,400                                                                             | 6,200                                                                                         | 6,000                                                                                         | 5,800                                                                                         | 30.5                                                                                          | 54.2                                                                                    | 6,400                                                                              | 6,200                                                                                           | 6,000                                                                                           | 5,800                                                                                           |                                                                                                 | 115 |  |
| 120 | 22.9                                                                                  | 48.6                                                                              | 5,800                                                                             | 5,700                                                                                         | 5,500                                                                                         | 5,300                                                                                         |                                                                                               |                                                                                         |                                                                                    |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 120 |  |

# MLC100-1 S-1

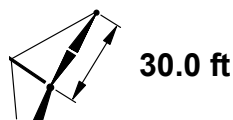
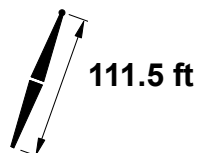


45,400 lb  
+  
0 lb



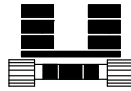
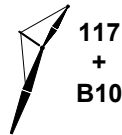
|     |      |       | 10°      |          |          |          | 30°  |       |          |          |          |          |     |
|-----|------|-------|----------|----------|----------|----------|------|-------|----------|----------|----------|----------|-----|
|     |      |       |          |          |          |          |      |       |          |          |          |          |     |
| ft  | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft  |
| 32  | 80.9 | 136.6 | 27,600   |          |          |          |      |       |          |          |          |          | 32  |
| 34  | 80.0 | 136.1 | 27,600   | 27,600   |          |          |      |       |          |          |          |          | 34  |
| 36  | 79.1 | 135.7 | 27,600   | 27,600   |          |          |      |       |          |          |          |          | 36  |
| 38  | 78.2 | 135.2 | 27,600   | 27,600   | 24,700   |          |      |       |          |          |          |          | 38  |
| 40  | 77.3 | 134.6 | 27,600   | 27,600   | 24,600   | 22,200   | 80.9 | 131.9 | 20,900   |          |          |          | 40  |
| 42  | 76.4 | 134.1 | 27,600   | 27,600   | 24,600   | 22,200   | 80.0 | 131.3 | 20,500   | 20,200   |          |          | 42  |
| 44  | 75.5 | 133.4 | 27,600   | 26,400   | 24,400   | 22,100   | 79.1 | 130.7 | 20,200   | 19,800   |          |          | 44  |
| 46  | 74.6 | 132.8 | 27,000   | 24,900   | 23,100   | 21,400   | 78.1 | 130.0 | 19,800   | 19,500   | 19,200   |          | 46  |
| 48  | 73.7 | 132.1 | 25,400   | 23,500   | 21,800   | 20,300   | 77.2 | 129.3 | 19,500   | 19,200   | 18,900   | 16,900   | 48  |
| 50  | 72.8 | 131.4 | 24,000   | 22,300   | 20,700   | 19,300   | 76.3 | 128.6 | 19,200   | 18,900   | 18,600   | 16,800   | 50  |
| 55  | 70.4 | 129.5 | 20,900   | 19,500   | 18,300   | 17,100   | 73.9 | 126.6 | 18,500   | 18,200   | 17,900   | 16,800   | 55  |
| 60  | 68.1 | 127.3 | 18,400   | 17,300   | 16,200   | 15,200   | 71.5 | 124.4 | 17,800   | 17,500   | 16,800   | 15,800   | 60  |
| 65  | 65.7 | 124.9 | 16,400   | 15,400   | 14,500   | 13,700   | 69.0 | 121.9 | 16,900   | 15,900   | 15,000   | 14,200   | 65  |
| 70  | 63.2 | 122.2 | 14,600   | 13,800   | 13,000   | 12,300   | 66.5 | 119.1 | 15,100   | 14,300   | 13,500   | 12,800   | 70  |
| 75  | 60.7 | 119.2 | 13,100   | 12,400   | 11,800   | 11,200   | 63.9 | 116.1 | 13,600   | 12,900   | 12,200   | 11,600   | 75  |
| 80  | 58.1 | 115.9 | 11,900   | 11,200   | 10,700   | 10,100   | 61.2 | 112.7 | 12,200   | 11,600   | 11,000   | 10,500   | 80  |
| 85  | 55.4 | 112.3 | 10,700   | 10,200   | 9,700    | 9,200    | 58.5 | 108.9 | 11,100   | 10,500   | 10,000   | 9,500    | 85  |
| 90  | 52.7 | 108.3 | 9,700    | 9,300    | 8,800    | 8,400    | 55.6 | 104.8 | 10,000   | 9,600    | 9,100    | 8,700    | 90  |
| 95  | 49.8 | 103.8 | 8,900    | 8,500    | 8,100    | 7,700    | 52.6 | 100.2 | 9,100    | 8,700    | 8,300    | 7,900    | 95  |
| 100 | 46.8 | 98.9  | 8,100    | 7,700    | 7,400    | 7,100    | 49.5 | 95.1  | 8,300    | 7,900    | 7,600    | 7,300    | 100 |
| 105 | 43.5 | 93.4  | 7,400    | 7,100    | 6,800    | 6,500    | 46.1 | 89.3  | 7,500    | 7,200    | 6,900    | 6,600    | 105 |
| 110 | 40.1 | 87.3  | 6,700    | 6,500    | 6,200    | 5,900    | 42.5 | 82.8  | 6,900    | 6,600    | 6,300    | 6,100    | 110 |
| 115 | 36.4 | 80.2  | 6,100    | 5,900    | 5,700    | 5,400    | 38.5 | 75.3  | 6,200    | 6,000    | 5,800    | 5,500    | 115 |
| 120 | 32.2 | 72.1  | 5,600    | 5,400    | 5,200    | 5,000    | 34.0 | 66.5  | 5,700    | 5,500    | 5,300    | 5,000    | 120 |
| 125 | 27.5 | 62.3  | 5,100    | 4,900    | 4,700    | 4,600    |      |       |          |          |          |          | 125 |
| 130 | 21.7 | 49.8  | 4,600    | 4,500    | 4,300    | 4,200    |      |       |          |          |          |          | 130 |

# MLC100-1 S-1

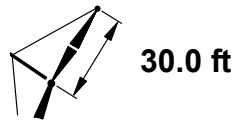
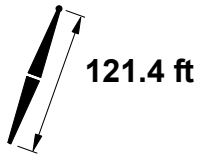


|     | 10°  |       |        |          |          |          |          | 30°  |       |        |          |          |          |          |
|-----|------|-------|--------|----------|----------|----------|----------|------|-------|--------|----------|----------|----------|----------|
|     |      |       |        |          |          |          |          |      |       |        |          |          |          |          |
|     | ft   | °     | ft     | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft   | °     | ft     | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb |
| 34  | 80.7 | 146.2 | 27,600 | 27,600   |          |          |          | 80.7 | 141.5 | 20,800 |          |          |          | 34       |
| 36  | 79.9 | 145.8 | 27,600 | 27,600   |          |          |          | 79.9 | 140.9 | 20,500 |          |          |          | 36       |
| 38  | 79.0 | 145.3 | 27,600 | 27,600   |          |          |          | 79.0 | 140.3 | 20,100 |          |          |          | 38       |
| 40  | 78.2 | 144.8 | 27,600 | 27,600   | 24,600   |          |          | 78.2 | 139.7 | 19,800 |          |          |          | 40       |
| 42  | 77.4 | 144.3 | 27,600 | 27,500   | 24,400   | 22,000   |          | 77.4 | 139.0 | 19,500 |          |          |          | 42       |
| 44  | 76.5 | 143.7 | 27,600 | 26,100   | 23,900   | 22,000   |          | 76.5 | 138.2 | 19,200 |          |          |          | 44       |
| 46  | 75.7 | 143.1 | 26,700 | 24,500   | 22,600   | 20,900   |          | 75.7 | 137.5 | 18,900 |          |          |          | 46       |
| 48  | 74.9 | 142.5 | 25,200 | 23,200   | 21,400   | 19,800   |          | 74.9 | 136.7 | 18,600 |          |          |          | 48       |
| 50  | 74.0 | 141.8 | 23,700 | 21,900   | 20,300   | 18,800   |          | 74.0 | 136.0 | 18,300 |          |          |          | 50       |
| 55  | 71.9 | 140.1 | 20,700 | 19,200   | 17,900   | 16,600   |          | 71.9 | 133.2 | 18,800 | 18,500   | 18,200   | 16,500   | 55       |
| 60  | 69.7 | 138.1 | 18,200 | 17,000   | 15,800   | 14,800   |          | 69.7 | 135.1 | 18,200 | 17,600   | 16,500   | 15,400   | 60       |
| 65  | 67.5 | 135.8 | 16,100 | 15,100   | 14,200   | 13,300   |          | 67.5 | 132.8 | 16,700 | 15,700   | 14,700   | 13,800   | 65       |
| 70  | 65.3 | 133.4 | 14,400 | 13,500   | 12,700   | 11,900   |          | 65.3 | 130.3 | 14,900 | 14,000   | 13,200   | 12,400   | 70       |
| 75  | 63.0 | 130.6 | 12,900 | 12,200   | 11,500   | 10,800   |          | 63.0 | 127.5 | 13,400 | 12,600   | 11,900   | 11,200   | 75       |
| 80  | 60.6 | 127.7 | 11,600 | 11,000   | 10,400   | 9,800    |          | 60.6 | 124.5 | 12,000 | 11,400   | 10,800   | 10,200   | 80       |
| 85  | 58.2 | 124.4 | 10,500 | 9,900    | 9,400    | 8,900    |          | 58.2 | 121.1 | 10,900 | 10,300   | 9,800    | 9,200    | 85       |
| 90  | 55.7 | 120.8 | 9,500  | 9,000    | 8,600    | 8,100    |          | 55.7 | 117.4 | 9,800  | 9,300    | 8,900    | 8,400    | 90       |
| 95  | 53.2 | 116.9 | 8,600  | 8,200    | 7,800    | 7,400    |          | 53.2 | 113.4 | 8,900  | 8,500    | 8,100    | 7,600    | 95       |
| 100 | 50.5 | 112.6 | 7,900  | 7,500    | 7,100    | 6,700    |          | 50.5 | 108.9 | 8,100  | 7,700    | 7,300    | 7,000    | 100      |
| 105 | 47.7 | 107.8 | 7,200  | 6,800    | 6,500    | 6,200    |          | 47.7 | 104.0 | 7,400  | 7,000    | 6,700    | 6,400    | 105      |
| 110 | 44.8 | 102.6 | 6,500  | 6,200    | 5,900    | 5,600    |          | 44.8 | 98.6  | 6,700  | 6,400    | 6,100    | 5,800    | 110      |
| 115 | 41.7 | 96.8  | 5,900  | 5,700    | 5,400    | 5,100    |          | 41.7 | 92.5  | 6,100  | 5,800    | 5,500    | 5,300    | 115      |
| 120 | 38.4 | 90.3  | 5,400  | 5,200    | 4,900    | 4,700    |          | 38.4 | 85.6  | 5,500  | 5,300    | 5,000    | 4,800    | 120      |
| 125 | 34.8 | 82.9  | 4,900  | 4,700    | 4,500    | 4,300    |          | 34.8 | 77.7  | 5,000  | 4,800    | 4,600    | 4,400    | 125      |
| 130 | 30.8 | 74.3  | 4,500  | 4,300    | 4,100    | 3,900    |          | 30.8 | 68.4  | 4,500  | 4,300    | 4,100    | 3,900    | 130      |
| 135 | 26.2 | 64.0  | 4,000  | 3,900    | 3,700    | 3,500    |          | 26.2 |       |        |          |          |          | 135      |
| 140 | 20.6 | 50.9  | 3,600  | 3,500    | 3,400    | 3,200    |          | 20.6 |       |        |          |          |          | 140      |

# MLC100-1 S-1

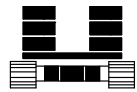


45,400 lb  
+  
0 lb



|     |      |       | 10°      |          |          |          | 30°  |       |          |          |          |          |     |
|-----|------|-------|----------|----------|----------|----------|------|-------|----------|----------|----------|----------|-----|
|     |      |       |          |          |          |          |      |       |          |          |          |          |     |
| ft  | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft  |
| 36  | 80.5 | 155.8 | 27,600   | 27,600   |          |          |      |       |          |          |          |          | 36  |
| 38  | 79.8 | 155.4 | 27,600   | 27,600   |          |          |      |       |          |          |          |          | 38  |
| 40  | 79.0 | 154.9 | 27,600   | 27,600   | 24,400   |          |      |       |          |          |          |          | 40  |
| 42  | 78.2 | 154.4 | 27,600   | 27,300   | 24,400   |          |      |       |          |          |          |          | 42  |
| 44  | 77.4 | 153.9 | 27,600   | 25,700   | 23,400   |          | 80.6 | 151.1 | 20,700   |          |          |          | 44  |
| 46  | 76.7 | 153.4 | 26,500   | 24,200   | 22,100   | 20,300   | 79.8 | 150.5 | 20,400   | 20,000   |          |          | 46  |
| 48  | 75.9 | 152.8 | 24,900   | 22,800   | 20,900   | 19,300   | 79.0 | 149.9 | 20,100   | 19,800   | 19,400   |          | 48  |
| 50  | 75.1 | 152.2 | 23,500   | 21,600   | 19,800   | 18,300   | 78.2 | 149.3 | 19,800   | 19,500   | 19,100   |          | 50  |
| 55  | 73.1 | 150.5 | 20,400   | 18,900   | 17,400   | 16,200   | 76.1 | 147.6 | 19,100   | 18,800   | 18,200   | 16,200   | 55  |
| 60  | 71.1 | 148.7 | 17,900   | 16,600   | 15,500   | 14,400   | 74.1 | 145.7 | 18,500   | 17,300   | 16,100   | 15,000   | 60  |
| 65  | 69.1 | 146.6 | 15,900   | 14,800   | 13,800   | 12,900   | 72.0 | 143.6 | 16,500   | 15,400   | 14,400   | 13,400   | 65  |
| 70  | 67.0 | 144.3 | 14,100   | 13,200   | 12,300   | 11,500   | 69.9 | 141.3 | 14,700   | 13,800   | 12,900   | 12,100   | 70  |
| 75  | 64.9 | 141.8 | 12,600   | 11,800   | 11,100   | 10,400   | 67.7 | 138.8 | 13,200   | 12,300   | 11,600   | 10,900   | 75  |
| 80  | 62.7 | 139.1 | 11,400   | 10,700   | 10,000   | 9,400    | 65.5 | 136.0 | 11,800   | 11,100   | 10,400   | 9,800    | 80  |
| 85  | 60.5 | 136.1 | 10,200   | 9,600    | 9,100    | 8,500    | 63.3 | 132.9 | 10,600   | 10,000   | 9,400    | 8,900    | 85  |
| 90  | 58.3 | 132.9 | 9,300    | 8,700    | 8,200    | 7,700    | 61.0 | 129.6 | 9,600    | 9,100    | 8,600    | 8,100    | 90  |
| 95  | 56.0 | 129.4 | 8,400    | 7,900    | 7,500    | 7,000    | 58.6 | 125.9 | 8,700    | 8,200    | 7,800    | 7,300    | 95  |
| 100 | 53.6 | 125.5 | 7,600    | 7,200    | 6,800    | 6,400    | 56.2 | 122.0 | 7,900    | 7,500    | 7,000    | 6,700    | 100 |
| 105 | 51.2 | 121.3 | 6,900    | 6,500    | 6,200    | 5,800    | 53.6 | 117.6 | 7,100    | 6,800    | 6,400    | 6,000    | 105 |
| 110 | 48.6 | 116.7 | 6,300    | 5,900    | 5,600    | 5,300    | 51.0 | 112.9 | 6,500    | 6,100    | 5,800    | 5,500    | 110 |
| 115 | 45.9 | 111.7 | 5,700    | 5,400    | 5,100    | 4,800    | 48.2 | 107.7 | 5,900    | 5,600    | 5,300    | 5,000    | 115 |
| 120 | 43.1 | 106.1 | 5,100    | 4,900    | 4,600    | 4,400    | 45.3 | 101.9 | 5,300    | 5,000    | 4,800    | 4,500    | 120 |
| 125 | 40.1 | 100.0 | 4,700    | 4,400    | 4,200    | 3,900    | 42.2 | 95.5  | 4,800    | 4,500    | 4,300    | 4,100    | 125 |
| 130 | 36.9 | 93.2  | 4,200    | 4,000    | 3,800    | 3,600    | 38.8 | 88.2  | 4,300    | 4,100    | 3,900    | 3,700    | 130 |
| 135 | 33.5 | 85.4  | 3,800    | 3,600    | 3,400    | 3,200    | 35.1 | 79.9  | 3,900    | 3,700    | 3,500    | 3,300    | 135 |
| 140 | 29.6 | 76.4  | 3,400    | 3,200    | 3,100    | 2,900    | 30.9 | 70.2  | 3,400    | 3,300    | 3,100    | 2,900    | 140 |
| 145 | 25.1 | 65.6  | 3,000    | 2,900    | 2,700    | 2,600    |      |       |          |          |          |          | 145 |

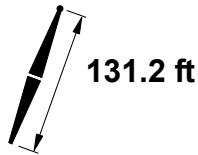
# MLC100-1 S-1



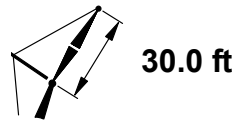
45,400 lb  
+  
0 lb



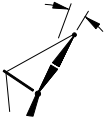
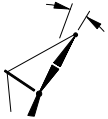
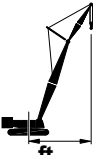
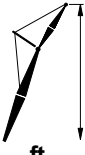
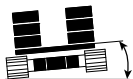
360°



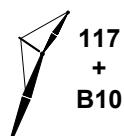
131.2 ft



30.0 ft

|     |  10° |                                                                                   |                                                                                   |                                                                                               |                                                                                               |                                                                                               |                                                                                               |  30° |                                                                                    |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 |  |  |
|-----|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|
|     |      |  |  |              |                                                                                               |                                                                                               |                                                                                               |        |  |              |                                                                                                 |                                                                                                 |                                                                                                 |  |                                                                                     |
|     |                                                                                       |                                                                                   |                                                                                   | 0°<br><br>lb | 1°<br><br>lb | 2°<br><br>lb | 3°<br><br>lb |                                                                                         |                                                                                    | 0°<br><br>lb | 1°<br><br>lb | 2°<br><br>lb | 3°<br><br>lb |  |                                                                                     |
| ft  | °                                                                                     | ft                                                                                | lb                                                                                | lb                                                                                            | lb                                                                                            | lb                                                                                            | °                                                                                             | ft                                                                                      | lb                                                                                 | lb                                                                                              | lb                                                                                              | lb                                                                                              | ft                                                                                              |  |                                                                                     |
| 38  | 80.4                                                                                  | 165.5                                                                             | 27,600                                                                            |                                                                                               |                                                                                               |                                                                                               |                                                                                               |                                                                                         |                                                                                    |                                                                                                 |                                                                                                 |                                                                                                 | 38                                                                                              |  |                                                                                     |
| 40  | 79.7                                                                                  | 165.0                                                                             | 27,600                                                                            | 26,600                                                                                        |                                                                                               |                                                                                               |                                                                                               |                                                                                         |                                                                                    |                                                                                                 |                                                                                                 |                                                                                                 | 40                                                                                              |  |                                                                                     |
| 42  | 78.9                                                                                  | 164.6                                                                             | 27,600                                                                            | 26,600                                                                                        | 23,300                                                                                        |                                                                                               |                                                                                               |                                                                                         |                                                                                    |                                                                                                 |                                                                                                 |                                                                                                 | 42                                                                                              |  |                                                                                     |
| 44  | 78.2                                                                                  | 164.1                                                                             | 27,600                                                                            | 25,300                                                                                        | 23,000                                                                                        |                                                                                               |                                                                                               |                                                                                         |                                                                                    |                                                                                                 |                                                                                                 |                                                                                                 | 44                                                                                              |  |                                                                                     |
| 46  | 77.5                                                                                  | 163.6                                                                             | 26,300                                                                            | 23,800                                                                                        | 21,700                                                                                        | 19,800                                                                                        | 80.4                                                                                          | 160.7                                                                                   | 20,700                                                                             |                                                                                                 |                                                                                                 |                                                                                                 | 46                                                                                              |  |                                                                                     |
| 48  | 76.8                                                                                  | 163.0                                                                             | 24,700                                                                            | 22,500                                                                                        | 20,500                                                                                        | 18,800                                                                                        | 79.7                                                                                          | 160.1                                                                                   | 20,400                                                                             | 20,000                                                                                          |                                                                                                 |                                                                                                 | 48                                                                                              |  |                                                                                     |
| 50  | 76.0                                                                                  | 162.5                                                                             | 23,300                                                                            | 21,200                                                                                        | 19,400                                                                                        | 17,800                                                                                        | 78.9                                                                                          | 159.6                                                                                   | 20,100                                                                             | 19,700                                                                                          | 18,900                                                                                          |                                                                                                 | 50                                                                                              |  |                                                                                     |
| 55  | 74.2                                                                                  | 160.9                                                                             | 20,200                                                                            | 18,500                                                                                        | 17,100                                                                                        | 15,700                                                                                        | 77.0                                                                                          | 158.0                                                                                   | 19,400                                                                             | 19,100                                                                                          | 17,900                                                                                          | 15,800                                                                                          | 55                                                                                              |  |                                                                                     |
| 60  | 72.3                                                                                  | 159.2                                                                             | 17,700                                                                            | 16,300                                                                                        | 15,100                                                                                        | 14,000                                                                                        | 75.1                                                                                          | 156.2                                                                                   | 18,500                                                                             | 17,100                                                                                          | 15,800                                                                                          | 14,700                                                                                          | 60                                                                                              |  |                                                                                     |
| 65  | 70.4                                                                                  | 157.3                                                                             | 15,700                                                                            | 14,500                                                                                        | 13,500                                                                                        | 12,500                                                                                        | 73.2                                                                                          | 154.3                                                                                   | 16,300                                                                             | 15,200                                                                                          | 14,100                                                                                          | 13,100                                                                                          | 65                                                                                              |  |                                                                                     |
| 70  | 68.5                                                                                  | 155.2                                                                             | 13,900                                                                            | 12,900                                                                                        | 12,000                                                                                        | 11,200                                                                                        | 71.2                                                                                          | 152.1                                                                                   | 14,500                                                                             | 13,500                                                                                          | 12,600                                                                                          | 11,700                                                                                          | 70                                                                                              |  |                                                                                     |
| 75  | 66.5                                                                                  | 152.8                                                                             | 12,400                                                                            | 11,600                                                                                        | 10,800                                                                                        | 10,100                                                                                        | 69.2                                                                                          | 149.8                                                                                   | 13,000                                                                             | 12,100                                                                                          | 11,300                                                                                          | 10,600                                                                                          | 75                                                                                              |  |                                                                                     |
| 80  | 64.6                                                                                  | 150.3                                                                             | 11,200                                                                            | 10,400                                                                                        | 9,700                                                                                         | 9,100                                                                                         | 67.2                                                                                          | 147.2                                                                                   | 11,600                                                                             | 10,900                                                                                          | 10,200                                                                                          | 9,500                                                                                           | 80                                                                                              |  |                                                                                     |
| 85  | 62.5                                                                                  | 147.6                                                                             | 10,000                                                                            | 9,400                                                                                         | 8,800                                                                                         | 8,200                                                                                         | 65.2                                                                                          | 144.4                                                                                   | 10,500                                                                             | 9,800                                                                                           | 9,200                                                                                           | 8,600                                                                                           | 85                                                                                              |  |                                                                                     |
| 90  | 60.5                                                                                  | 144.6                                                                             | 9,100                                                                             | 8,500                                                                                         | 8,000                                                                                         | 7,400                                                                                         | 63.1                                                                                          | 141.3                                                                                   | 9,500                                                                              | 8,900                                                                                           | 8,300                                                                                           | 7,800                                                                                           | 90                                                                                              |  |                                                                                     |
| 95  | 58.4                                                                                  | 141.4                                                                             | 8,200                                                                             | 7,700                                                                                         | 7,200                                                                                         | 6,700                                                                                         | 60.9                                                                                          | 138.0                                                                                   | 8,500                                                                              | 8,000                                                                                           | 7,500                                                                                           | 7,100                                                                                           | 95                                                                                              |  |                                                                                     |
| 100 | 56.2                                                                                  | 137.9                                                                             | 7,400                                                                             | 7,000                                                                                         | 6,500                                                                                         | 6,100                                                                                         | 58.7                                                                                          | 134.4                                                                                   | 7,700                                                                              | 7,300                                                                                           | 6,800                                                                                           | 6,400                                                                                           | 100                                                                                             |  |                                                                                     |
| 105 | 54.0                                                                                  | 134.1                                                                             | 6,700                                                                             | 6,300                                                                                         | 5,900                                                                                         | 5,500                                                                                         | 56.4                                                                                          | 130.5                                                                                   | 7,000                                                                              | 6,600                                                                                           | 6,200                                                                                           | 5,800                                                                                           | 105                                                                                             |  |                                                                                     |
| 110 | 51.7                                                                                  | 130.0                                                                             | 6,100                                                                             | 5,700                                                                                         | 5,400                                                                                         | 5,000                                                                                         | 54.0                                                                                          | 126.3                                                                                   | 6,300                                                                              | 5,900                                                                                           | 5,600                                                                                           | 5,300                                                                                           | 110                                                                                             |  |                                                                                     |
| 115 | 49.3                                                                                  | 125.5                                                                             | 5,500                                                                             | 5,200                                                                                         | 4,900                                                                                         | 4,500                                                                                         | 51.6                                                                                          | 121.7                                                                                   | 5,700                                                                              | 5,400                                                                                           | 5,100                                                                                           | 4,700                                                                                           | 115                                                                                             |  |                                                                                     |
| 120 | 46.9                                                                                  | 120.6                                                                             | 5,000                                                                             | 4,700                                                                                         | 4,400                                                                                         | 4,100                                                                                         | 49.0                                                                                          | 116.7                                                                                   | 5,200                                                                              | 4,900                                                                                           | 4,600                                                                                           | 4,300                                                                                           | 120                                                                                             |  |                                                                                     |
| 125 | 44.3                                                                                  | 115.3                                                                             | 4,500                                                                             | 4,200                                                                                         | 4,000                                                                                         | 3,700                                                                                         | 46.4                                                                                          | 111.1                                                                                   | 4,600                                                                              | 4,400                                                                                           | 4,100                                                                                           | 3,900                                                                                           | 125                                                                                             |  |                                                                                     |
| 130 | 41.6                                                                                  | 109.5                                                                             | 4,000                                                                             | 3,800                                                                                         | 3,600                                                                                         | 3,300                                                                                         | 43.5                                                                                          | 105.1                                                                                   | 4,200                                                                              | 3,900                                                                                           | 3,700                                                                                           | 3,500                                                                                           | 130                                                                                             |  |                                                                                     |
| 135 | 38.7                                                                                  | 103.1                                                                             | 3,600                                                                             | 3,400                                                                                         | 3,200                                                                                         | 3,000                                                                                         | 40.5                                                                                          | 98.3                                                                                    | 3,700                                                                              | 3,500                                                                                           | 3,300                                                                                           | 3,100                                                                                           | 135                                                                                             |  |                                                                                     |
| 140 | 35.6                                                                                  | 95.9                                                                              | 3,200                                                                             | 3,000                                                                                         | 2,800                                                                                         | 2,700                                                                                         | 37.2                                                                                          | 90.7                                                                                    | 3,300                                                                              | 3,100                                                                                           | 2,900                                                                                           | 2,700                                                                                           | 140                                                                                             |  |                                                                                     |
| 145 | 32.2                                                                                  | 87.8                                                                              | 2,900                                                                             | 2,700                                                                                         | 2,500                                                                                         | 2,400                                                                                         | 33.6                                                                                          | 82.1                                                                                    | 2,900                                                                              | 2,700                                                                                           | 2,600                                                                                           | 2,400                                                                                           | 145                                                                                             |  |                                                                                     |
| 150 | 28.5                                                                                  | 78.4                                                                              | 2,500                                                                             | 2,400                                                                                         | 2,200                                                                                         | 2,100                                                                                         |                                                                                               |                                                                                         |                                                                                    |                                                                                                 |                                                                                                 |                                                                                                 | 150                                                                                             |  |                                                                                     |
| 155 | 24.1                                                                                  | 67.2                                                                              | 2,200                                                                             | 2,100                                                                                         |                                                                                               |                                                                                               |                                                                                               |                                                                                         |                                                                                    |                                                                                                 |                                                                                                 |                                                                                                 | 155                                                                                             |  |                                                                                     |

# MLC100-1 S-1



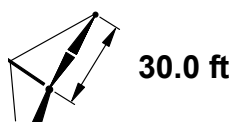
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+  
0 lb



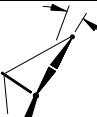
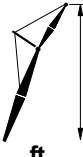
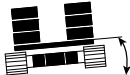
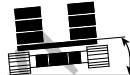
360°



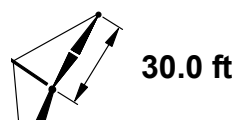
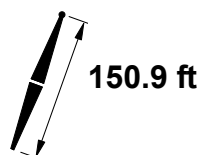
141.1 ft

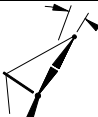
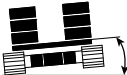
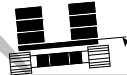
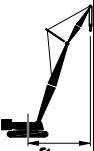


30.0 ft

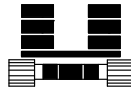
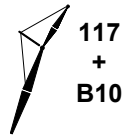
|     |  10° |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |  30° |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |
|-----|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|     |      |  |  |  |                                                                                   |                                                                                   |                                                                                   |        |  |  |                                                                                     |                                                                                     |                                                                                     |  |  |
|     |                                                                                       |                                                                                   |                                                                                   |  |  |  |  |                                                                                         |                                                                                   |   |  |  |  |                                                                                     |  |
|     |                                                                                       |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                         |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |
| ft  | °                                                                                     | ft                                                                                | lb                                                                                | lb                                                                                | lb                                                                                | lb                                                                                | °                                                                                 | ft                                                                                      | lb                                                                                | lb                                                                                  | lb                                                                                  | lb                                                                                  | ft                                                                                  |                                                                                     |  |
| 38  | 81.0                                                                                  | 175.5                                                                             | 27,600                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                         |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 38                                                                                  |  |
| 40  | 80.3                                                                                  | 175.1                                                                             | 27,600                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                         |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 40                                                                                  |  |
| 42  | 79.6                                                                                  | 174.7                                                                             | 27,600                                                                            |                                                                                   | 24,800                                                                            |                                                                                   |                                                                                   |                                                                                         |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 42                                                                                  |  |
| 44  | 78.9                                                                                  | 174.2                                                                             | 27,600                                                                            |                                                                                   | 24,800                                                                            | 21,800                                                                            |                                                                                   |                                                                                         |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 44                                                                                  |  |
| 46  | 78.2                                                                                  | 173.7                                                                             | 26,000                                                                            |                                                                                   | 23,500                                                                            | 21,200                                                                            |                                                                                   | 81.0                                                                                    | 170.8                                                                             | 20,900                                                                              |                                                                                     |                                                                                     |                                                                                     | 46                                                                                  |  |
| 48  | 77.5                                                                                  | 173.2                                                                             | 24,500                                                                            | 22,100                                                                            | 20,100                                                                            | 18,300                                                                            | 80.3                                                                              | 170.3                                                                                   | 20,600                                                                            |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 48                                                                                  |  |
| 50  | 76.8                                                                                  | 172.7                                                                             | 23,000                                                                            | 20,900                                                                            | 19,000                                                                            | 17,300                                                                            | 79.6                                                                              | 169.8                                                                                   | 20,300                                                                            |                                                                                     | 20,000                                                                              |                                                                                     |                                                                                     | 50                                                                                  |  |
| 55  | 75.1                                                                                  | 171.2                                                                             | 20,000                                                                            | 18,200                                                                            | 16,700                                                                            | 15,300                                                                            | 77.8                                                                              | 168.3                                                                                   | 19,700                                                                            | 19,100                                                                              | 17,500                                                                              | 15,500                                                                              |                                                                                     | 55                                                                                  |  |
| 60  | 73.4                                                                                  | 169.6                                                                             | 17,500                                                                            | 16,000                                                                            | 14,700                                                                            | 13,500                                                                            | 76.0                                                                              | 166.6                                                                                   | 18,300                                                                            | 16,800                                                                              | 15,500                                                                              | 14,300                                                                              |                                                                                     | 60                                                                                  |  |
| 65  | 71.6                                                                                  | 167.8                                                                             | 15,400                                                                            | 14,200                                                                            | 13,100                                                                            | 12,100                                                                            | 74.2                                                                              | 164.8                                                                                   | 16,100                                                                            | 14,900                                                                              | 13,800                                                                              | 12,700                                                                              |                                                                                     | 65                                                                                  |  |
| 70  | 69.8                                                                                  | 165.8                                                                             | 13,700                                                                            | 12,600                                                                            | 11,700                                                                            | 10,800                                                                            | 72.4                                                                              | 162.8                                                                                   | 14,300                                                                            | 13,300                                                                              | 12,300                                                                              | 11,400                                                                              |                                                                                     | 70                                                                                  |  |
| 75  | 68.0                                                                                  | 163.7                                                                             | 12,200                                                                            | 11,300                                                                            | 10,500                                                                            | 9,700                                                                             | 70.6                                                                              | 160.6                                                                                   | 12,800                                                                            | 11,900                                                                              | 11,000                                                                              | 10,200                                                                              |                                                                                     | 75                                                                                  |  |
| 80  | 66.1                                                                                  | 161.4                                                                             | 10,900                                                                            | 10,100                                                                            | 9,400                                                                             | 8,700                                                                             | 68.7                                                                              | 158.2                                                                                   | 11,400                                                                            | 10,600                                                                              | 9,900                                                                               | 9,200                                                                               |                                                                                     | 80                                                                                  |  |
| 85  | 64.3                                                                                  | 158.8                                                                             | 9,800                                                                             | 9,100                                                                             | 8,500                                                                             | 7,900                                                                             | 66.8                                                                              | 155.6                                                                                   | 10,300                                                                            | 9,600                                                                               | 8,900                                                                               | 8,300                                                                               |                                                                                     | 85                                                                                  |  |
| 90  | 62.4                                                                                  | 156.1                                                                             | 8,800                                                                             | 8,200                                                                             | 7,600                                                                             | 7,100                                                                             | 64.8                                                                              | 152.8                                                                                   | 9,200                                                                             | 8,600                                                                               | 8,000                                                                               | 7,500                                                                               |                                                                                     | 90                                                                                  |  |
| 95  | 60.4                                                                                  | 153.1                                                                             | 7,900                                                                             | 7,400                                                                             | 6,900                                                                             | 6,400                                                                             | 62.8                                                                              | 149.8                                                                                   | 8,300                                                                             | 7,800                                                                               | 7,200                                                                               | 6,800                                                                               |                                                                                     | 95                                                                                  |  |
| 100 | 58.4                                                                                  | 149.9                                                                             | 7,200                                                                             | 6,700                                                                             | 6,200                                                                             | 5,800                                                                             | 60.8                                                                              | 146.5                                                                                   | 7,500                                                                             | 7,000                                                                               | 6,500                                                                               | 6,100                                                                               |                                                                                     | 100                                                                                 |  |
| 105 | 56.4                                                                                  | 146.4                                                                             | 6,500                                                                             | 6,000                                                                             | 5,600                                                                             | 5,200                                                                             | 58.7                                                                              | 142.9                                                                                   | 6,800                                                                             | 6,300                                                                               | 5,900                                                                               | 5,500                                                                               |                                                                                     | 105                                                                                 |  |
| 110 | 54.3                                                                                  | 142.7                                                                             | 5,800                                                                             | 5,400                                                                             | 5,100                                                                             | 4,700                                                                             | 56.6                                                                              | 139.1                                                                                   | 6,100                                                                             | 5,700                                                                               | 5,300                                                                               | 5,000                                                                               |                                                                                     | 110                                                                                 |  |
| 115 | 52.2                                                                                  | 138.6                                                                             | 5,200                                                                             | 4,900                                                                             | 4,500                                                                             | 4,200                                                                             | 54.4                                                                              | 134.9                                                                                   | 5,500                                                                             | 5,100                                                                               | 4,800                                                                               | 4,500                                                                               |                                                                                     | 115                                                                                 |  |
| 120 | 50.0                                                                                  | 134.3                                                                             | 4,700                                                                             | 4,400                                                                             | 4,100                                                                             | 3,800                                                                             | 52.1                                                                              | 130.5                                                                                   | 4,900                                                                             | 4,600                                                                               | 4,300                                                                               | 4,000                                                                               |                                                                                     | 120                                                                                 |  |
| 125 | 47.7                                                                                  | 129.6                                                                             | 4,200                                                                             | 3,900                                                                             | 3,700                                                                             | 3,400                                                                             | 49.7                                                                              | 125.6                                                                                   | 4,400                                                                             | 4,100                                                                               | 3,800                                                                               | 3,600                                                                               |                                                                                     | 125                                                                                 |  |
| 130 | 45.3                                                                                  | 124.4                                                                             | 3,800                                                                             | 3,500                                                                             | 3,300                                                                             | 3,000                                                                             | 47.3                                                                              | 120.3                                                                                   | 3,900                                                                             | 3,700                                                                               | 3,400                                                                               | 3,200                                                                               |                                                                                     | 130                                                                                 |  |
| 135 | 42.8                                                                                  | 118.9                                                                             | 3,400                                                                             | 3,100                                                                             | 2,900                                                                             | 2,700                                                                             | 44.7                                                                              | 114.5                                                                                   | 3,500                                                                             | 3,300                                                                               | 3,000                                                                               | 2,800                                                                               |                                                                                     | 135                                                                                 |  |
| 140 | 40.2                                                                                  | 112.8                                                                             | 3,000                                                                             | 2,800                                                                             | 2,600                                                                             | 2,300                                                                             | 41.9                                                                              | 108.1                                                                                   | 3,100                                                                             | 2,900                                                                               | 2,700                                                                               | 2,500                                                                               |                                                                                     | 140                                                                                 |  |
| 145 | 37.4                                                                                  | 106.0                                                                             | 2,600                                                                             | 2,400                                                                             | 2,200                                                                             | 2,000                                                                             | 39.0                                                                              | 101.1                                                                                   | 2,700                                                                             | 2,500                                                                               | 2,300                                                                               | 2,100                                                                               |                                                                                     | 145                                                                                 |  |
| 150 | 34.4                                                                                  | 98.5                                                                              | 2,300                                                                             | 2,100                                                                             |                                                                                   |                                                                                   | 35.8                                                                              | 93.1                                                                                    | 2,400                                                                             | 2,200                                                                               | 2,000                                                                               |                                                                                     |                                                                                     | 150                                                                                 |  |
| 155 | 31.1                                                                                  | 90.1                                                                              | 2,000                                                                             |                                                                                   |                                                                                   |                                                                                   | 32.3                                                                              | 84.1                                                                                    | 2,000                                                                             |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 155                                                                                 |  |

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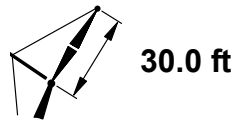
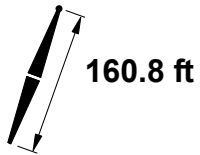


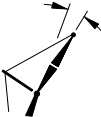
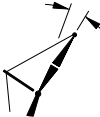
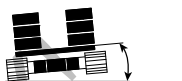
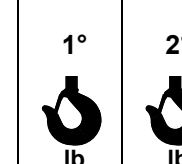
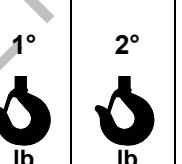
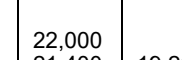
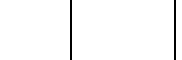
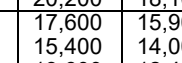
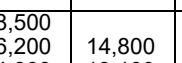
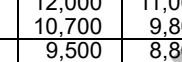
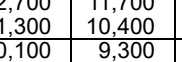
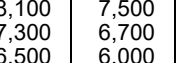
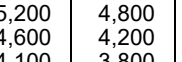
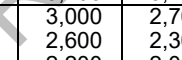
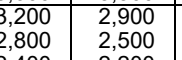
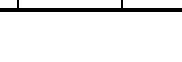
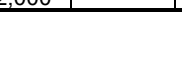
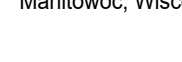
|     |  10°   |                                                                                        |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                         |  30° |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                           |                                                                                           |        |     |
|-----|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------|-----|
|     | <br>ft | <br>° | <br>ft |        |                                                                                         |                                                                                         |                                                                                         | <br>°  | <br>ft |        |                                                                                           |                                                                                           |                                                                                           | <br>ft |        |     |
|     |                                                                                         |                                                                                        |                                                                                         | 0°                                                                                      | 1°                                                                                      | 2°                                                                                      | 3°                                                                                      |                                                                                         |                                                                                          | 0°                                                                                        | 1°                                                                                        | 2°                                                                                        | 3°                                                                                        |                                                                                           |        |     |
|     |                                                                                         |                                                                                        |                                                                                         | <br>lb | <br>lb | <br>lb | <br>lb |                                                                                         |                                                                                          | <br>lb | <br>lb | <br>lb | <br>lb |                                                                                           |        |     |
| 40  | 80.8                                                                                    | 185.1                                                                                  | 27,600                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                          | 80.8                                                                                      | 180.4                                                                                     | 20,800                                                                                    |                                                                                           |                                                                                           |        | 40  |
| 42  | 80.2                                                                                    | 184.7                                                                                  | 27,600                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                          | 80.2                                                                                      | 179.9                                                                                     | 20,600                                                                                    |                                                                                           |                                                                                           |        | 42  |
| 44  | 79.5                                                                                    | 184.3                                                                                  | 27,500                                                                                  |                                                                                         | 23,300                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                           |                                                                                           |        | 44  |
| 46  | 78.9                                                                                    | 183.8                                                                                  | 25,800                                                                                  |                                                                                         | 23,100                                                                                  | 20,400                                                                                  |                                                                                         |                                                                                         |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                           |                                                                                           |        | 46  |
| 48  | 78.2                                                                                    | 183.4                                                                                  | 24,200                                                                                  |                                                                                         | 21,700                                                                                  | 19,600                                                                                  |                                                                                         |                                                                                         |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                           |                                                                                           |        | 48  |
| 50  | 77.6                                                                                    | 182.8                                                                                  | 22,800                                                                                  |                                                                                         | 20,500                                                                                  | 18,600                                                                                  | 16,800                                                                                  |                                                                                         |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                           |                                                                                           |        | 50  |
| 55  | 75.9                                                                                    | 181.5                                                                                  | 19,700                                                                                  |                                                                                         | 17,900                                                                                  | 16,300                                                                                  | 14,800                                                                                  |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 18,800                                                                                    | 17,100                                                                                    |                                                                                           |        | 55  |
| 60  | 74.3                                                                                    | 180.0                                                                                  | 17,200                                                                                  |                                                                                         | 15,700                                                                                  | 14,400                                                                                  | 13,100                                                                                  |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 16,500                                                                                    | 15,100                                                                                    | 13,900                                                                                    |        | 60  |
| 65  | 72.6                                                                                    | 178.3                                                                                  | 15,200                                                                                  |                                                                                         | 13,900                                                                                  | 12,700                                                                                  | 11,700                                                                                  |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 15,900                                                                                    | 14,600                                                                                    | 13,400                                                                                    | 12,400 | 65  |
| 70  | 70.9                                                                                    | 176.4                                                                                  | 13,400                                                                                  |                                                                                         | 12,300                                                                                  | 11,300                                                                                  | 10,400                                                                                  |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 14,100                                                                                    | 13,000                                                                                    | 12,000                                                                                    | 11,000 | 70  |
| 75  | 69.2                                                                                    | 174.4                                                                                  | 12,000                                                                                  |                                                                                         | 11,000                                                                                  | 10,100                                                                                  | 9,300                                                                                   |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 12,600                                                                                    | 11,600                                                                                    | 10,700                                                                                    | 9,900  | 75  |
| 80  | 67.5                                                                                    | 172.2                                                                                  | 10,700                                                                                  |                                                                                         | 9,800                                                                                   | 9,100                                                                                   | 8,400                                                                                   |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 11,200                                                                                    | 10,400                                                                                    | 9,600                                                                                     | 8,900  | 80  |
| 85  | 65.8                                                                                    | 169.9                                                                                  | 9,600                                                                                   |                                                                                         | 8,800                                                                                   | 8,200                                                                                   | 7,500                                                                                   |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 10,100                                                                                    | 9,300                                                                                     | 8,600                                                                                     | 8,000  | 85  |
| 90  | 64.0                                                                                    | 167.3                                                                                  | 8,600                                                                                   |                                                                                         | 7,900                                                                                   | 7,300                                                                                   | 6,800                                                                                   |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 9,000                                                                                     | 8,400                                                                                     | 7,800                                                                                     | 7,200  | 90  |
| 95  | 62.2                                                                                    | 164.5                                                                                  | 7,700                                                                                   |                                                                                         | 7,100                                                                                   | 6,600                                                                                   | 6,100                                                                                   |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 8,100                                                                                     | 7,500                                                                                     | 7,000                                                                                     | 6,500  | 95  |
| 100 | 60.4                                                                                    | 161.6                                                                                  | 6,900                                                                                   |                                                                                         | 6,400                                                                                   | 5,900                                                                                   | 5,500                                                                                   |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 7,300                                                                                     | 6,800                                                                                     | 6,300                                                                                     | 5,800  | 100 |
| 105 | 58.5                                                                                    | 158.4                                                                                  | 6,200                                                                                   |                                                                                         | 5,800                                                                                   | 5,300                                                                                   | 4,900                                                                                   |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 6,600                                                                                     | 6,100                                                                                     | 5,600                                                                                     | 5,200  | 105 |
| 110 | 56.6                                                                                    | 154.9                                                                                  | 5,600                                                                                   |                                                                                         | 5,200                                                                                   | 4,800                                                                                   | 4,400                                                                                   |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 5,900                                                                                     | 5,500                                                                                     | 5,100                                                                                     | 4,700  | 110 |
| 115 | 54.6                                                                                    | 151.2                                                                                  | 5,000                                                                                   |                                                                                         | 4,600                                                                                   | 4,300                                                                                   | 3,900                                                                                   |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 5,300                                                                                     | 4,900                                                                                     | 4,500                                                                                     | 4,200  | 115 |
| 120 | 52.6                                                                                    | 147.3                                                                                  | 4,500                                                                                   |                                                                                         | 4,100                                                                                   | 3,800                                                                                   | 3,500                                                                                   |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 4,700                                                                                     | 4,400                                                                                     | 4,000                                                                                     | 3,700  | 120 |
| 125 | 50.5                                                                                    | 143.0                                                                                  | 4,000                                                                                   |                                                                                         | 3,700                                                                                   | 3,400                                                                                   | 3,100                                                                                   |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 4,200                                                                                     | 3,900                                                                                     | 3,600                                                                                     | 3,300  | 125 |
| 130 | 48.4                                                                                    | 138.4                                                                                  | 3,500                                                                                   |                                                                                         | 3,300                                                                                   | 3,000                                                                                   | 2,700                                                                                   |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 3,700                                                                                     | 3,500                                                                                     | 3,200                                                                                     | 2,900  | 130 |
| 135 | 46.2                                                                                    | 133.4                                                                                  | 3,100                                                                                   |                                                                                         | 2,900                                                                                   | 2,600                                                                                   | 2,400                                                                                   |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 3,300                                                                                     | 3,000                                                                                     | 2,800                                                                                     | 2,500  | 135 |
| 140 | 43.9                                                                                    | 128.1                                                                                  | 2,800                                                                                   |                                                                                         | 2,500                                                                                   | 2,300                                                                                   | 2,100                                                                                   |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 2,900                                                                                     | 2,700                                                                                     | 2,400                                                                                     | 2,200  | 140 |
| 145 | 41.4                                                                                    | 122.2                                                                                  | 2,400                                                                                   |                                                                                         | 2,200                                                                                   | 2,000                                                                                   |                                                                                         |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 2,500                                                                                     | 2,300                                                                                     | 2,100                                                                                     |        | 145 |
| 150 | 38.9                                                                                    | 115.9                                                                                  | 2,100                                                                                   |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                          |                                                                                           |                                                                                           | 2,200                                                                                     | 2,000                                                                                     |                                                                                           |        | 150 |

# MLC100-1 S-1



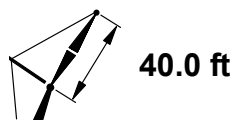
45,400 lb  
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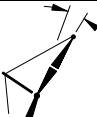
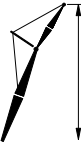
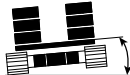
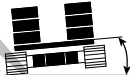


| 10°                                                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 30°                                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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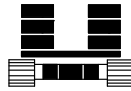
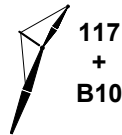


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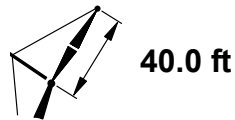
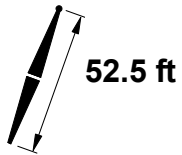


|    |  10°   |                                                                                        |                                                                                         |                                                                                               |                                                                                               |                                                                                               |  30°       |                                                                                        |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |        |                                                                                           |                                                                                                 |
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|    | <br>ft | <br>° | <br>ft |              |                                                                                               |                                                                                               |                                                                                               | <br>° | <br>ft |              |                                                                                                 |                                                                                                 |        | <br>ft |                                                                                                 |
|    |                                                                                         |                                                                                        |                                                                                         | 0°<br><br>lb | 1°<br><br>lb | 2°<br><br>lb | 3°<br><br>lb |                                                                                        |                                                                                          | 0°<br><br>lb | 1°<br><br>lb | 2°<br><br>lb |        |                                                                                           | 3°<br><br>lb |
| 28 | 80.1                                                                                    | 87.0                                                                                   | 26,400                                                                                  |                                                                                               |                                                                                               |                                                                                               |                                                                                               |                                                                                        |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |        | 28                                                                                        |                                                                                                 |
| 30 | 78.6                                                                                    | 86.4                                                                                   | 26,000                                                                                  |                                                                                               | 22,900                                                                                        | 20,200                                                                                        |                                                                                               |                                                                                        |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |        | 30                                                                                        |                                                                                                 |
| 32 | 77.2                                                                                    | 85.7                                                                                   | 25,700                                                                                  |                                                                                               | 22,600                                                                                        | 20,000                                                                                        | 17,800                                                                                        |                                                                                        |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |        | 32                                                                                        |                                                                                                 |
| 34 | 75.7                                                                                    | 85.0                                                                                   | 25,400                                                                                  |                                                                                               | 22,400                                                                                        | 19,800                                                                                        | 17,700                                                                                        |                                                                                        |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |        | 34                                                                                        |                                                                                                 |
| 36 | 74.2                                                                                    | 84.2                                                                                   | 25,100                                                                                  |                                                                                               | 22,200                                                                                        | 19,600                                                                                        | 17,600                                                                                        |                                                                                        |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |        | 36                                                                                        |                                                                                                 |
| 38 | 72.7                                                                                    | 83.4                                                                                   | 24,800                                                                                  |                                                                                               | 22,000                                                                                        | 19,400                                                                                        | 17,400                                                                                        | 80.5                                                                                   | 80.7                                                                                     | 16,700                                                                                          |                                                                                                 |                                                                                                 |        | 38                                                                                        |                                                                                                 |
| 40 | 71.2                                                                                    | 82.5                                                                                   | 24,500                                                                                  |                                                                                               | 21,800                                                                                        | 19,300                                                                                        | 17,300                                                                                        | 79.0                                                                                   | 79.7                                                                                     | 16,200                                                                                          | 15,900                                                                                          | 15,600                                                                                          |        | 40                                                                                        |                                                                                                 |
| 42 | 69.7                                                                                    | 81.5                                                                                   | 24,200                                                                                  |                                                                                               | 21,600                                                                                        | 19,100                                                                                        | 17,100                                                                                        | 77.4                                                                                   | 78.7                                                                                     | 15,700                                                                                          | 15,400                                                                                          | 15,200                                                                                          | 14,900 | 42                                                                                        |                                                                                                 |
| 44 | 68.2                                                                                    | 80.5                                                                                   | 24,000                                                                                  |                                                                                               | 21,300                                                                                        | 18,900                                                                                        | 17,000                                                                                        | 75.8                                                                                   | 77.7                                                                                     | 15,300                                                                                          | 15,000                                                                                          | 14,800                                                                                          | 14,500 | 44                                                                                        |                                                                                                 |
| 46 | 66.6                                                                                    | 79.4                                                                                   | 23,700                                                                                  |                                                                                               | 21,100                                                                                        | 18,800                                                                                        | 16,900                                                                                        | 74.1                                                                                   | 76.5                                                                                     | 14,900                                                                                          | 14,600                                                                                          | 14,400                                                                                          | 14,200 | 46                                                                                        |                                                                                                 |
| 48 | 65.0                                                                                    | 78.2                                                                                   | 23,500                                                                                  |                                                                                               | 20,900                                                                                        | 18,600                                                                                        | 16,800                                                                                        | 72.5                                                                                   | 75.3                                                                                     | 14,500                                                                                          | 14,300                                                                                          | 14,100                                                                                          | 13,900 | 48                                                                                        |                                                                                                 |
| 50 | 63.4                                                                                    | 76.9                                                                                   | 23,300                                                                                  |                                                                                               | 20,800                                                                                        | 18,500                                                                                        | 16,600                                                                                        | 70.8                                                                                   | 74.0                                                                                     | 14,100                                                                                          | 13,900                                                                                          | 13,700                                                                                          | 13,500 | 50                                                                                        |                                                                                                 |
| 55 | 59.2                                                                                    | 73.4                                                                                   | 22,600                                                                                  |                                                                                               | 20,400                                                                                        | 18,200                                                                                        | 16,400                                                                                        | 66.4                                                                                   | 70.3                                                                                     | 13,300                                                                                          | 13,100                                                                                          | 13,000                                                                                          | 12,800 | 55                                                                                        |                                                                                                 |
| 60 | 54.7                                                                                    | 69.3                                                                                   | 20,100                                                                                  |                                                                                               | 19,400                                                                                        | 17,900                                                                                        | 16,200                                                                                        | 61.7                                                                                   | 66.0                                                                                     | 12,600                                                                                          | 12,500                                                                                          | 12,300                                                                                          | 12,200 | 60                                                                                        |                                                                                                 |
| 65 | 50.0                                                                                    | 64.5                                                                                   | 18,100                                                                                  |                                                                                               | 17,500                                                                                        | 16,900                                                                                        | 16,000                                                                                        | 56.6                                                                                   | 60.8                                                                                     | 12,000                                                                                          | 11,900                                                                                          | 11,800                                                                                          | 11,700 | 65                                                                                        |                                                                                                 |
| 70 | 44.7                                                                                    | 58.8                                                                                   | 16,300                                                                                  |                                                                                               | 15,800                                                                                        | 15,400                                                                                        | 14,900                                                                                        | 51.0                                                                                   | 54.7                                                                                     | 11,500                                                                                          | 11,400                                                                                          | 11,300                                                                                          | 11,300 | 70                                                                                        |                                                                                                 |
| 75 | 38.8                                                                                    | 51.7                                                                                   | 14,800                                                                                  |                                                                                               | 14,400                                                                                        | 14,100                                                                                        | 13,700                                                                                        | 44.5                                                                                   | 46.9                                                                                     | 11,100                                                                                          | 11,000                                                                                          | 11,000                                                                                          | 10,900 | 75                                                                                        |                                                                                                 |
| 80 | 31.7                                                                                    | 42.7                                                                                   | 13,500                                                                                  |                                                                                               | 13,200                                                                                        | 12,900                                                                                        | 12,600                                                                                        | 36.2                                                                                   | 36.4                                                                                     | 10,700                                                                                          | 10,700                                                                                          | 10,700                                                                                          | 10,700 | 80                                                                                        |                                                                                                 |
| 85 | 21.8                                                                                    | 29.3                                                                                   | 12,400                                                                                  |                                                                                               | 12,100                                                                                        | 11,900                                                                                        | 11,700                                                                                        |                                                                                        |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |        | 85                                                                                        |                                                                                                 |

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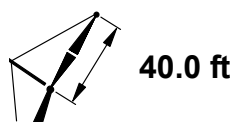
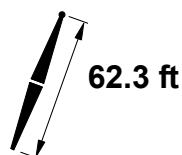


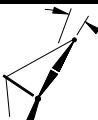
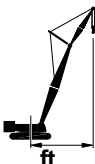
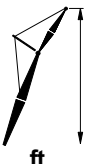
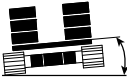
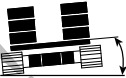
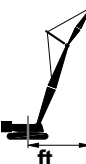
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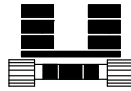
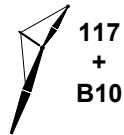
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| ft | °    | ft   | lb     | lb     | lb     | lb     | °    | ft   | lb     | lb     | lb     | lb     | ft |
| 30 | 79.9 | 96.6 | 26,300 | 23,100 |        |        |      |      |        |        |        |        | 30 |
| 32 | 78.6 | 96.0 | 26,000 | 22,900 |        |        |      |      |        |        |        |        | 32 |
| 34 | 77.3 | 95.4 | 25,700 | 22,600 | 20,100 |        |      |      |        |        |        |        | 34 |
| 36 | 76.0 | 94.7 | 25,400 | 22,500 | 19,800 | 17,800 |      |      |        |        |        |        | 36 |
| 38 | 74.7 | 94.0 | 25,100 | 22,200 | 19,600 | 17,600 |      |      |        |        |        |        | 38 |
| 40 | 73.4 | 93.2 | 24,900 | 22,000 | 19,400 | 17,500 | 80.3 | 90.2 | 16,500 |        |        |        | 40 |
| 42 | 72.0 | 92.3 | 24,600 | 21,800 | 19,300 | 17,300 | 78.9 | 89.3 | 16,100 | 15,400 | 13,800 |        | 42 |
| 44 | 70.7 | 91.4 | 24,400 | 21,600 | 19,200 | 17,200 | 77.5 | 88.4 | 15,700 | 15,100 | 13,500 | 12,200 | 44 |
| 46 | 69.3 | 90.5 | 24,200 | 21,500 | 19,000 | 17,100 | 76.1 | 87.4 | 15,300 | 14,700 | 13,200 | 12,000 | 46 |
| 48 | 67.9 | 89.4 | 23,300 | 21,300 | 18,900 | 17,000 | 74.6 | 86.4 | 14,900 | 14,400 | 13,000 | 11,800 | 48 |
| 50 | 66.5 | 88.4 | 22,400 | 21,100 | 18,800 | 16,900 | 73.2 | 85.2 | 14,600 | 14,100 | 12,700 | 11,600 | 50 |
| 55 | 62.9 | 85.4 | 20,500 | 19,700 | 18,400 | 16,600 | 69.4 | 82.1 | 13,800 | 13,400 | 12,200 | 11,100 | 55 |
| 60 | 59.2 | 81.9 | 18,900 | 18,200 | 17,400 | 16,400 | 65.5 | 78.5 | 13,100 | 12,800 | 11,700 | 10,700 | 60 |
| 65 | 55.3 | 78.0 | 17,400 | 16,900 | 16,200 | 15,500 | 61.4 | 74.3 | 12,500 | 12,200 | 11,200 | 10,300 | 65 |
| 70 | 51.1 | 73.4 | 16,100 | 15,500 | 15,000 | 14,500 | 57.0 | 69.5 | 12,000 | 11,800 | 10,800 | 10,000 | 70 |
| 75 | 46.6 | 68.1 | 14,600 | 14,100 | 13,700 | 13,200 | 52.2 | 63.8 | 11,600 | 11,300 | 10,400 | 9,700  | 75 |
| 80 | 41.7 | 61.8 | 13,300 | 12,900 | 12,500 | 12,200 | 46.9 | 57.0 | 11,200 | 11,000 | 10,200 | 9,500  | 80 |
| 85 | 36.1 | 54.1 | 12,200 | 11,800 | 11,500 | 11,200 | 40.6 | 48.5 | 10,900 | 10,800 | 10,100 | 9,400  | 85 |
| 90 | 29.3 | 44.3 | 11,100 | 10,900 | 10,600 | 10,400 | 32.6 | 36.9 | 10,700 | 10,700 | 10,100 | 9,400  | 90 |

# MLC100-1 S-1

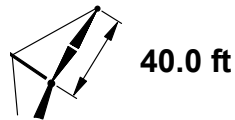
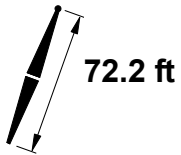


|     |  10°   |                                                                                        |                                                                                         |                                                                                               |                                                                                               |                                                                                               |                                                                                               |  30° |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                           |  |
|-----|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--|
|     | <br>ft | <br>° | <br>ft |              |                                                                                               |                                                                                               |                                                                                               | <br>°  | <br>ft |              |                                                                                                 |                                                                                                 |                                                                                                 | <br>ft |  |
|     |                                                                                         |                                                                                        |                                                                                         | 0°<br><br>lb | 1°<br><br>lb | 2°<br><br>lb | 3°<br><br>lb |                                                                                         |                                                                                          | 0°<br><br>lb | 1°<br><br>lb | 2°<br><br>lb | 3°<br><br>lb |                                                                                           |  |
| 30  | 80.9                                                                                    | 106.8                                                                                  | 26,500                                                                                  |                                                                                               |                                                                                               |                                                                                               |                                                                                               |                                                                                         |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 30                                                                                        |  |
| 32  | 79.7                                                                                    | 106.3                                                                                  | 26,200                                                                                  | 23,000                                                                                        |                                                                                               |                                                                                               |                                                                                               |                                                                                         |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 32                                                                                        |  |
| 34  | 78.6                                                                                    | 105.7                                                                                  | 25,900                                                                                  | 22,800                                                                                        | 20,000                                                                                        |                                                                                               |                                                                                               |                                                                                         |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 34                                                                                        |  |
| 36  | 77.4                                                                                    | 105.1                                                                                  | 25,700                                                                                  | 22,700                                                                                        | 19,900                                                                                        | 17,800                                                                                        |                                                                                               |                                                                                         |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 36                                                                                        |  |
| 38  | 76.2                                                                                    | 104.4                                                                                  | 25,400                                                                                  | 22,400                                                                                        | 19,800                                                                                        | 17,700                                                                                        |                                                                                               |                                                                                         |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 38                                                                                        |  |
| 40  | 75.0                                                                                    | 103.7                                                                                  | 25,200                                                                                  | 22,300                                                                                        | 19,600                                                                                        | 17,600                                                                                        |                                                                                               |                                                                                         |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 40                                                                                        |  |
| 42  | 73.8                                                                                    | 102.9                                                                                  | 25,000                                                                                  | 22,100                                                                                        | 19,500                                                                                        | 17,400                                                                                        | 80.1                                                                                          | 99.8                                                                                    | 16,400                                                                                   |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 42                                                                                        |  |
| 44  | 72.6                                                                                    | 102.1                                                                                  | 24,700                                                                                  | 21,900                                                                                        | 19,300                                                                                        | 17,300                                                                                        | 78.8                                                                                          | 99.0                                                                                    | 16,100                                                                                   | 15,800                                                                                          | 15,500                                                                                          |                                                                                                 |                                                                                                 | 44                                                                                        |  |
| 46  | 71.4                                                                                    | 101.3                                                                                  | 24,600                                                                                  | 21,800                                                                                        | 19,200                                                                                        | 17,200                                                                                        | 77.6                                                                                          | 98.1                                                                                    | 15,700                                                                                   | 15,400                                                                                          | 15,200                                                                                          | 13,800                                                                                          |                                                                                                 | 46                                                                                        |  |
| 48  | 70.2                                                                                    | 100.4                                                                                  | 24,300                                                                                  | 21,600                                                                                        | 19,100                                                                                        | 17,100                                                                                        | 76.3                                                                                          | 97.1                                                                                    | 15,300                                                                                   | 15,100                                                                                          | 14,800                                                                                          | 13,600                                                                                          |                                                                                                 | 48                                                                                        |  |
| 50  | 69.0                                                                                    | 99.4                                                                                   | 24,100                                                                                  | 21,500                                                                                        | 19,000                                                                                        | 17,000                                                                                        | 75.0                                                                                          | 96.2                                                                                    | 15,000                                                                                   | 14,800                                                                                          | 14,500                                                                                          | 13,400                                                                                          |                                                                                                 | 50                                                                                        |  |
| 55  | 65.8                                                                                    | 96.8                                                                                   | 22,100                                                                                  | 21,000                                                                                        | 18,700                                                                                        | 16,800                                                                                        | 71.8                                                                                          | 93.4                                                                                    | 14,300                                                                                   | 14,100                                                                                          | 13,900                                                                                          | 13,000                                                                                          |                                                                                                 | 55                                                                                        |  |
| 60  | 62.6                                                                                    | 93.8                                                                                   | 19,600                                                                                  | 18,700                                                                                        | 17,900                                                                                        | 16,700                                                                                        | 68.4                                                                                          | 90.3                                                                                    | 13,600                                                                                   | 13,400                                                                                          | 13,300                                                                                          | 12,600                                                                                          |                                                                                                 | 60                                                                                        |  |
| 65  | 59.2                                                                                    | 90.4                                                                                   | 17,600                                                                                  | 16,800                                                                                        | 16,100                                                                                        | 15,400                                                                                        | 64.9                                                                                          | 86.8                                                                                    | 13,000                                                                                   | 12,900                                                                                          | 12,700                                                                                          | 12,200                                                                                          |                                                                                                 | 65                                                                                        |  |
| 70  | 55.7                                                                                    | 86.5                                                                                   | 15,800                                                                                  | 15,200                                                                                        | 14,600                                                                                        | 14,000                                                                                        | 61.2                                                                                          | 82.7                                                                                    | 12,500                                                                                   | 12,400                                                                                          | 12,200                                                                                          | 11,900                                                                                          |                                                                                                 | 70                                                                                        |  |
| 75  | 52.0                                                                                    | 82.2                                                                                   | 14,300                                                                                  | 13,800                                                                                        | 13,300                                                                                        | 12,800                                                                                        | 57.3                                                                                          | 78.1                                                                                    | 12,000                                                                                   | 11,900                                                                                          | 11,800                                                                                          | 11,600                                                                                          |                                                                                                 | 75                                                                                        |  |
| 80  | 48.1                                                                                    | 77.2                                                                                   | 13,000                                                                                  | 12,600                                                                                        | 12,200                                                                                        | 11,700                                                                                        | 53.1                                                                                          | 72.8                                                                                    | 11,600                                                                                   | 11,500                                                                                          | 11,500                                                                                          | 11,300                                                                                          |                                                                                                 | 80                                                                                        |  |
| 85  | 43.8                                                                                    | 71.4                                                                                   | 11,900                                                                                  | 11,500                                                                                        | 11,200                                                                                        | 10,800                                                                                        | 48.6                                                                                          | 66.6                                                                                    | 11,300                                                                                   | 11,200                                                                                          | 11,100                                                                                          | 11,000                                                                                          |                                                                                                 | 85                                                                                        |  |
| 90  | 39.1                                                                                    | 64.6                                                                                   | 10,900                                                                                  | 10,600                                                                                        | 10,300                                                                                        | 10,000                                                                                        | 43.4                                                                                          | 59.2                                                                                    | 11,000                                                                                   | 10,800                                                                                          | 10,500                                                                                          | 10,200                                                                                          |                                                                                                 | 90                                                                                        |  |
| 95  | 33.8                                                                                    | 56.4                                                                                   | 10,000                                                                                  | 9,700                                                                                         | 9,500                                                                                         | 9,200                                                                                         | 37.4                                                                                          | 49.9                                                                                    | 10,100                                                                                   | 9,900                                                                                           | 9,600                                                                                           | 9,400                                                                                           |                                                                                                 | 95                                                                                        |  |
| 100 | 27.3                                                                                    | 45.9                                                                                   | 9,200                                                                                   | 9,000                                                                                         | 8,800                                                                                         | 8,500                                                                                         |                                                                                               |                                                                                         |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 100                                                                                       |  |

# MLC100-1 S-1

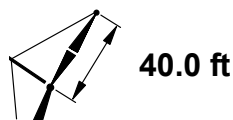
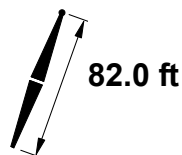


45,400 lb  
+  
0 lb



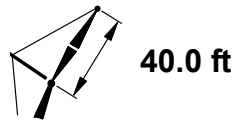
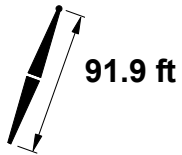
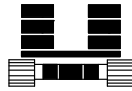
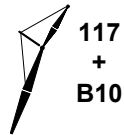
|     |      |       | 10°      |          |          |          | 30°  |       |          |          |          |          |     |
|-----|------|-------|----------|----------|----------|----------|------|-------|----------|----------|----------|----------|-----|
|     |      |       |          |          |          |          |      |       |          |          |          |          |     |
| ft  | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft  |
| 32  | 80.6 | 116.4 | 26,300   |          |          |          |      |       |          |          |          |          | 32  |
| 34  | 79.6 | 115.9 | 26,100   | 22,900   |          |          |      |       |          |          |          |          | 34  |
| 36  | 78.5 | 115.3 | 25,900   | 22,800   | 20,000   |          |      |       |          |          |          |          | 36  |
| 38  | 77.5 | 114.7 | 25,600   | 22,600   | 19,800   | 17,700   |      |       |          |          |          |          | 38  |
| 40  | 76.4 | 114.1 | 25,400   | 22,400   | 19,700   | 17,600   |      |       |          |          |          |          | 40  |
| 42  | 75.3 | 113.4 | 25,300   | 22,200   | 19,600   | 17,500   | 81.0 | 110.1 | 16,700   |          |          |          | 42  |
| 44  | 74.2 | 112.7 | 25,000   | 22,100   | 19,500   | 17,400   | 79.9 | 109.4 | 16,400   | 16,100   |          |          | 44  |
| 46  | 73.2 | 111.9 | 24,800   | 21,900   | 19,400   | 17,300   | 78.8 | 108.6 | 16,000   | 15,700   | 15,400   |          | 46  |
| 48  | 72.1 | 111.1 | 24,700   | 21,800   | 19,300   | 17,300   | 77.6 | 107.7 | 15,700   | 15,400   | 15,200   | 13,200   | 48  |
| 50  | 71.0 | 110.2 | 24,500   | 21,700   | 19,100   | 17,200   | 76.5 | 106.9 | 15,400   | 15,100   | 14,900   | 13,200   | 50  |
| 55  | 68.2 | 107.9 | 21,900   | 20,700   | 18,900   | 17,000   | 73.6 | 104.4 | 14,700   | 14,400   | 14,200   | 13,200   | 55  |
| 60  | 65.3 | 105.2 | 19,400   | 18,500   | 17,500   | 16,700   | 70.6 | 101.7 | 14,000   | 13,800   | 13,600   | 13,200   | 60  |
| 65  | 62.3 | 102.2 | 17,400   | 16,500   | 15,800   | 15,000   | 67.5 | 98.6  | 13,400   | 13,300   | 13,100   | 12,900   | 65  |
| 70  | 59.3 | 98.9  | 15,600   | 14,900   | 14,300   | 13,600   | 64.4 | 95.1  | 12,900   | 12,800   | 12,600   | 12,500   | 70  |
| 75  | 56.1 | 95.1  | 14,100   | 13,500   | 13,000   | 12,400   | 61.0 | 91.1  | 12,500   | 12,300   | 12,200   | 12,100   | 75  |
| 80  | 52.8 | 90.9  | 12,800   | 12,300   | 11,800   | 11,400   | 57.5 | 86.7  | 12,000   | 11,900   | 11,800   | 11,700   | 80  |
| 85  | 49.2 | 86.1  | 11,700   | 11,300   | 10,900   | 10,500   | 53.8 | 81.7  | 11,700   | 11,600   | 11,200   | 10,800   | 85  |
| 90  | 45.5 | 80.7  | 10,700   | 10,300   | 10,000   | 9,600    | 49.8 | 75.9  | 11,000   | 10,600   | 10,200   | 9,900    | 90  |
| 95  | 41.4 | 74.5  | 9,800    | 9,500    | 9,200    | 8,900    | 45.5 | 69.2  | 10,000   | 9,700    | 9,400    | 9,100    | 95  |
| 100 | 37.0 | 67.2  | 9,000    | 8,700    | 8,500    | 8,200    | 40.6 | 61.2  | 9,200    | 8,900    | 8,600    | 8,400    | 100 |
| 105 | 31.8 | 58.4  | 8,300    | 8,100    | 7,800    | 7,600    | 34.8 | 51.3  | 8,400    | 8,200    | 7,900    | 7,700    | 105 |
| 110 | 25.6 | 47.2  | 7,600    | 7,400    | 7,200    | 7,100    |      |       |          |          |          |          | 110 |

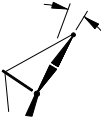
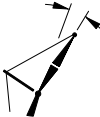
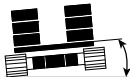
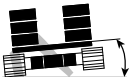
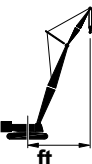
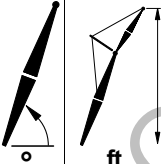
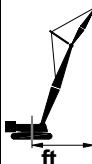
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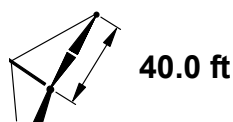
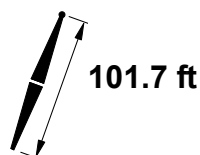
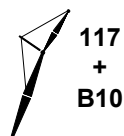
|     | 10°  |       |        |          |          |          |          | 30°  |       |        |          |          |          |          |
|-----|------|-------|--------|----------|----------|----------|----------|------|-------|--------|----------|----------|----------|----------|
|     |      |       |        |          |          |          |          |      |       |        |          |          |          |          |
|     | ft   | °     | ft     | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft   | °     | ft     | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb |
| 34  | 80.4 | 126.0 | 26,200 |          |          |          |          |      |       |        |          |          |          | 34       |
| 36  | 79.5 | 125.5 | 26,100 |          | 22,800   |          |          |      |       |        |          |          |          | 36       |
| 38  | 78.5 | 124.9 | 25,800 |          | 22,700   | 19,900   |          |      |       |        |          |          |          | 38       |
| 40  | 77.5 | 124.4 | 25,600 |          | 22,500   | 19,800   | 17,700   |      |       |        |          |          |          | 40       |
| 42  | 76.6 | 123.7 | 25,500 |          | 22,400   | 19,700   | 17,500   |      |       |        |          |          |          | 42       |
| 44  | 75.6 | 123.1 | 25,300 | 22,300   | 19,500   | 17,500   |          | 80.8 | 119.7 | 16,600 |          |          |          | 44       |
| 46  | 74.6 | 122.4 | 25,100 | 22,100   | 19,400   | 17,400   |          | 79.8 | 119.0 | 16,300 | 16,000   |          |          | 46       |
| 48  | 73.6 | 121.6 | 24,900 | 22,000   | 19,300   | 17,300   |          | 78.7 | 118.2 | 16,000 | 15,700   | 15,400   |          | 48       |
| 50  | 72.6 | 120.9 | 24,700 | 21,800   | 19,200   | 17,300   |          | 77.7 | 117.4 | 15,700 | 15,400   | 15,200   | 12,800   | 50       |
| 55  | 70.0 | 118.7 | 21,700 | 20,400   | 19,000   | 17,100   |          | 75.1 | 115.2 | 15,000 | 14,800   | 14,500   | 12,800   | 55       |
| 60  | 67.5 | 116.4 | 19,200 | 18,100   | 17,100   | 16,200   |          | 72.4 | 112.7 | 14,400 | 14,200   | 14,000   | 12,800   | 60       |
| 65  | 64.8 | 113.7 | 17,100 | 16,200   | 15,400   | 14,600   |          | 69.7 | 110.0 | 13,800 | 13,600   | 13,400   | 12,800   | 65       |
| 70  | 62.1 | 110.7 | 15,400 | 14,600   | 13,900   | 13,200   |          | 66.8 | 106.9 | 13,300 | 13,100   | 13,000   | 12,800   | 70       |
| 75  | 59.3 | 107.4 | 13,900 | 13,200   | 12,600   | 12,000   |          | 63.9 | 103.4 | 12,800 | 12,700   | 12,600   | 12,400   | 75       |
| 80  | 56.4 | 103.7 | 12,600 | 12,000   | 11,500   | 11,000   |          | 60.9 | 99.6  | 12,400 | 12,300   | 11,900   | 11,400   | 80       |
| 85  | 53.3 | 99.6  | 11,500 | 11,000   | 10,500   | 10,100   |          | 57.7 | 95.3  | 11,800 | 11,300   | 10,900   | 10,400   | 85       |
| 90  | 50.2 | 95.0  | 10,500 | 10,000   | 9,600    | 9,200    |          | 54.4 | 90.4  | 10,800 | 10,300   | 9,900    | 9,600    | 90       |
| 95  | 46.8 | 89.8  | 9,600  | 9,200    | 8,800    | 8,500    |          | 50.8 | 85.0  | 9,800  | 9,500    | 9,100    | 8,800    | 95       |
| 100 | 43.2 | 84.0  | 8,800  | 8,500    | 8,100    | 7,800    |          | 47.0 | 78.8  | 9,000  | 8,700    | 8,400    | 8,100    | 100      |
| 105 | 39.4 | 77.4  | 8,100  | 7,800    | 7,500    | 7,200    |          | 42.8 | 71.6  | 8,200  | 7,900    | 7,700    | 7,400    | 105      |
| 110 | 35.1 | 69.7  | 7,400  | 7,200    | 6,900    | 6,700    |          | 38.1 | 63.1  | 7,500  | 7,300    | 7,100    | 6,800    | 110      |
| 115 | 30.1 | 60.4  | 6,800  | 6,600    | 6,400    | 6,200    |          | 32.5 | 52.5  | 6,900  | 6,700    | 6,500    | 6,300    | 115      |
| 120 | 24.1 | 48.5  | 6,200  | 6,100    | 5,900    | 5,700    |          |      |       |        |          |          |          | 120      |

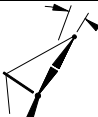
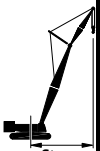
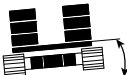
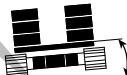
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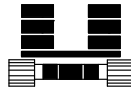
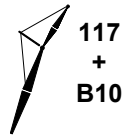
|                                                                                   |      |  10° |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |  30° |        |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |  |  |
|-----------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|
|                                                                                   |      |      |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                         |        |  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |  |  |
|  |      |      |  |  |  |  |  |        |        |   |  |  |  |  |  |  |  |
| ft                                                                                | o    | ft                                                                                    | lb                                                                                | lb                                                                                | lb                                                                                | lb                                                                                |                                                                                   | o                                                                                       | ft     | lb                                                                                  | lb                                                                                  | lb                                                                                  | lb                                                                                  | ft                                                                                  |  |  |  |
| 36                                                                                | 80.3 | 135.6                                                                                 | 26,200                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                         |        |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 36                                                                                  |  |  |  |
| 38                                                                                | 79.4 | 135.1                                                                                 | 25,900                                                                            | 22,700                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                         |        |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 38                                                                                  |  |  |  |
| 40                                                                                | 78.5 | 134.6                                                                                 | 25,800                                                                            | 22,600                                                                            | 19,800                                                                            |                                                                                   |                                                                                   |                                                                                         |        |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 40                                                                                  |  |  |  |
| 42                                                                                | 77.6 | 134.0                                                                                 | 25,600                                                                            | 22,500                                                                            | 19,700                                                                            | 17,500                                                                            |                                                                                   |                                                                                         |        |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 42                                                                                  |  |  |  |
| 44                                                                                | 76.7 | 133.4                                                                                 | 25,400                                                                            | 22,300                                                                            | 19,600                                                                            | 17,500                                                                            |                                                                                   |                                                                                         |        |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 44                                                                                  |  |  |  |
| 46                                                                                | 75.8 | 132.8                                                                                 | 25,300                                                                            | 22,200                                                                            | 19,500                                                                            | 17,400                                                                            | 80.6                                                                              | 129.3                                                                                   | 16,500 |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 46                                                                                  |  |  |  |
| 48                                                                                | 74.9 | 132.1                                                                                 | 25,100                                                                            | 22,100                                                                            | 19,400                                                                            | 17,300                                                                            | 79.6                                                                              | 128.6                                                                                   | 16,200 | 15,900                                                                              |                                                                                     |                                                                                     |                                                                                     | 48                                                                                  |  |  |  |
| 50                                                                                | 73.9 | 131.4                                                                                 | 24,600                                                                            | 22,000                                                                            | 19,300                                                                            | 17,300                                                                            | 78.7                                                                              | 127.8                                                                                   | 16,000 | 15,700                                                                              | 15,200                                                                              |                                                                                     |                                                                                     | 50                                                                                  |  |  |  |
| 55                                                                                | 71.6 | 129.4                                                                                 | 21,500                                                                            | 20,100                                                                            | 18,900                                                                            | 17,100                                                                            | 76.3                                                                              | 125.8                                                                                   | 15,300 | 15,000                                                                              | 14,800                                                                              | 12,500                                                                              |                                                                                     | 55                                                                                  |  |  |  |
| 60                                                                                | 69.3 | 127.3                                                                                 | 19,000                                                                            | 17,900                                                                            | 16,800                                                                            | 15,800                                                                            | 73.9                                                                              | 123.6                                                                                   | 14,700 | 14,500                                                                              | 14,200                                                                              | 12,500                                                                              |                                                                                     | 60                                                                                  |  |  |  |
| 65                                                                                | 66.9 | 124.8                                                                                 | 16,900                                                                            | 16,000                                                                            | 15,100                                                                            | 14,300                                                                            | 71.4                                                                              | 121.1                                                                                   | 14,100 | 13,900                                                                              | 13,800                                                                              | 12,500                                                                              |                                                                                     | 65                                                                                  |  |  |  |
| 70                                                                                | 64.4 | 122.1                                                                                 | 15,200                                                                            | 14,400                                                                            | 13,600                                                                            | 12,900                                                                            | 68.8                                                                              | 118.3                                                                                   | 13,700 | 13,500                                                                              | 13,300                                                                              | 12,500                                                                              |                                                                                     | 70                                                                                  |  |  |  |
| 75                                                                                | 61.9 | 119.1                                                                                 | 13,700                                                                            | 13,000                                                                            | 12,300                                                                            | 11,700                                                                            | 66.2                                                                              | 115.2                                                                                   | 13,200 | 13,000                                                                              | 12,900                                                                              | 12,200                                                                              |                                                                                     | 75                                                                                  |  |  |  |
| 80                                                                                | 59.3 | 115.8                                                                                 | 12,400                                                                            | 11,800                                                                            | 11,200                                                                            | 10,700                                                                            | 63.5                                                                              | 111.8                                                                                   | 12,800 | 12,300                                                                              | 11,700                                                                              | 11,100                                                                              |                                                                                     | 80                                                                                  |  |  |  |
| 85                                                                                | 56.6 | 112.2                                                                                 | 11,300                                                                            | 10,800                                                                            | 10,300                                                                            | 9,800                                                                             | 60.8                                                                              | 108.0                                                                                   | 11,700 | 11,200                                                                              | 10,700                                                                              | 10,200                                                                              |                                                                                     | 85                                                                                  |  |  |  |
| 90                                                                                | 53.8 | 108.2                                                                                 | 10,300                                                                            | 9,800                                                                             | 9,400                                                                             | 9,000                                                                             | 57.9                                                                              | 103.8                                                                                   | 10,700 | 10,200                                                                              | 9,700                                                                               | 9,300                                                                               |                                                                                     | 90                                                                                  |  |  |  |
| 95                                                                                | 51.0 | 103.8                                                                                 | 9,400                                                                             | 9,000                                                                             | 8,600                                                                             | 8,200                                                                             | 54.8                                                                              | 99.2                                                                                    | 9,700  | 9,300                                                                               | 8,900                                                                               | 8,500                                                                               |                                                                                     | 95                                                                                  |  |  |  |
| 100                                                                               | 47.9 | 98.8                                                                                  | 8,600                                                                             | 8,300                                                                             | 7,900                                                                             | 7,600                                                                             | 51.6                                                                              | 94.0                                                                                    | 8,900  | 8,500                                                                               | 8,200                                                                               | 7,800                                                                               |                                                                                     | 100                                                                                 |  |  |  |
| 105                                                                               | 44.7 | 93.4                                                                                  | 7,900                                                                             | 7,600                                                                             | 7,300                                                                             | 7,000                                                                             | 48.2                                                                              | 88.2                                                                                    | 8,100  | 7,800                                                                               | 7,500                                                                               | 7,200                                                                               |                                                                                     | 105                                                                                 |  |  |  |
| 110                                                                               | 41.3 | 87.2                                                                                  | 7,300                                                                             | 7,000                                                                             | 6,700                                                                             | 6,500                                                                             | 44.6                                                                              | 81.6                                                                                    | 7,400  | 7,200                                                                               | 6,900                                                                               | 6,600                                                                               |                                                                                     | 110                                                                                 |  |  |  |
| 115                                                                               | 37.5 | 80.1                                                                                  | 6,700                                                                             | 6,400                                                                             | 6,200                                                                             | 6,000                                                                             | 40.5                                                                              | 73.9                                                                                    | 6,800  | 6,600                                                                               | 6,300                                                                               | 6,100                                                                               |                                                                                     | 115                                                                                 |  |  |  |
| 120                                                                               | 33.4 | 72.0                                                                                  | 6,100                                                                             | 5,900                                                                             | 5,700                                                                             | 5,500                                                                             | 35.9                                                                              | 64.9                                                                                    | 6,200  | 6,000                                                                               | 5,800                                                                               | 5,600                                                                               |                                                                                     | 120                                                                                 |  |  |  |
| 125                                                                               | 28.6 | 62.2                                                                                  | 5,600                                                                             | 5,400                                                                             | 5,300                                                                             | 5,100                                                                             |                                                                                   |                                                                                         |        |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 125                                                                                 |  |  |  |
| 130                                                                               | 22.8 | 49.6                                                                                  | 5,200                                                                             | 5,000                                                                             | 4,800                                                                             | 4,700                                                                             |                                                                                   |                                                                                         |        |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 130                                                                                 |  |  |  |

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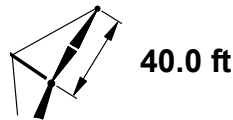
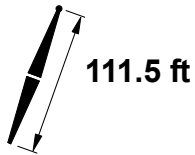


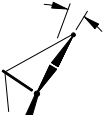
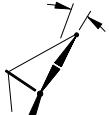
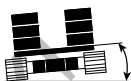
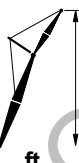
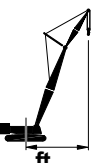
|     |  10° |                                                                                     |                                                                                      |                                                                                            |                                                                                            |                                                                                            |                                                                                            |  30° |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              |                                                                                        |  |
|-----|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--|
|     |  ft  |  ° |  ft |           |                                                                                            |                                                                                            |                                                                                            |  °     |  ft |           |                                                                                              |                                                                                              |                                                                                              |  ft |  |
|     |                                                                                       |                                                                                     |                                                                                      | 0°<br> lb | 1°<br> lb | 2°<br> lb | 3°<br> lb |                                                                                         |                                                                                       | 0°<br> lb | 1°<br> lb | 2°<br> lb | 3°<br> lb |                                                                                        |  |
| 36  | 81.0                                                                                  | 145.7                                                                               | 26,100                                                                               |                                                                                            |                                                                                            |                                                                                            |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 36                                                                                     |  |
| 38  | 80.1                                                                                  | 145.2                                                                               | 26,000                                                                               |                                                                                            |                                                                                            |                                                                                            |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 38                                                                                     |  |
| 40  | 79.3                                                                                  | 144.7                                                                               | 25,800                                                                               |                                                                                            | 22,600                                                                                     |                                                                                            |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 40                                                                                     |  |
| 42  | 78.5                                                                                  | 144.2                                                                               | 25,700                                                                               |                                                                                            | 22,500                                                                                     | 19,700                                                                                     |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 42                                                                                     |  |
| 44  | 77.6                                                                                  | 143.7                                                                               | 25,500                                                                               |                                                                                            | 22,400                                                                                     | 19,600                                                                                     | 17,500                                                                                     |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 44                                                                                     |  |
| 46  | 76.8                                                                                  | 143.1                                                                               | 25,400                                                                               |                                                                                            | 22,200                                                                                     | 19,500                                                                                     | 17,400                                                                                     |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 46                                                                                     |  |
| 48  | 76.0                                                                                  | 142.4                                                                               | 25,200                                                                               |                                                                                            | 22,200                                                                                     | 19,400                                                                                     | 17,300                                                                                     | 80.4                                                                                    | 138.8                                                                                 | 16,500                                                                                       |                                                                                              |                                                                                              |                                                                                              | 48                                                                                     |  |
| 50  | 75.1                                                                                  | 141.8                                                                               | 24,400                                                                               |                                                                                            | 22,100                                                                                     | 19,300                                                                                     | 17,300                                                                                     | 79.5                                                                                    | 138.2                                                                                 | 16,200                                                                                       | 15,900                                                                                       |                                                                                              |                                                                                              | 50                                                                                     |  |
| 55  | 73.0                                                                                  | 140.0                                                                               | 21,300                                                                               |                                                                                            | 19,800                                                                                     | 18,400                                                                                     | 17,100                                                                                     | 77.3                                                                                    | 136.3                                                                                 | 15,600                                                                                       | 15,300                                                                                       | 14,700                                                                                       | 12,200                                                                                       | 55                                                                                     |  |
| 60  | 70.8                                                                                  | 138.0                                                                               | 18,800                                                                               |                                                                                            | 17,500                                                                                     | 16,400                                                                                     | 15,400                                                                                     | 75.1                                                                                    | 134.3                                                                                 | 15,000                                                                                       | 14,700                                                                                       | 14,500                                                                                       | 12,200                                                                                       | 60                                                                                     |  |
| 65  | 68.6                                                                                  | 135.8                                                                               | 16,700                                                                               |                                                                                            | 15,700                                                                                     | 14,700                                                                                     | 13,800                                                                                     | 72.8                                                                                    | 132.0                                                                                 | 14,500                                                                                       | 14,200                                                                                       | 14,000                                                                                       | 12,200                                                                                       | 65                                                                                     |  |
| 70  | 66.3                                                                                  | 133.3                                                                               | 14,900                                                                               |                                                                                            | 14,100                                                                                     | 13,300                                                                                     | 12,500                                                                                     | 70.5                                                                                    | 129.4                                                                                 | 14,000                                                                                       | 13,800                                                                                       | 13,600                                                                                       | 12,200                                                                                       | 70                                                                                     |  |
| 75  | 64.1                                                                                  | 130.6                                                                               | 13,500                                                                               |                                                                                            | 12,700                                                                                     | 12,000                                                                                     | 11,300                                                                                     | 68.2                                                                                    | 126.6                                                                                 | 13,500                                                                                       | 13,300                                                                                       | 12,600                                                                                       | 11,900                                                                                       | 75                                                                                     |  |
| 80  | 61.7                                                                                  | 127.6                                                                               | 12,200                                                                               |                                                                                            | 11,500                                                                                     | 10,900                                                                                     | 10,300                                                                                     | 65.7                                                                                    | 123.5                                                                                 | 12,700                                                                                       | 12,000                                                                                       | 11,400                                                                                       | 10,800                                                                                       | 80                                                                                     |  |
| 85  | 59.3                                                                                  | 124.3                                                                               | 11,000                                                                               |                                                                                            | 10,500                                                                                     | 9,900                                                                                      | 9,400                                                                                      | 63.2                                                                                    | 120.2                                                                                 | 11,500                                                                                       | 10,900                                                                                       | 10,400                                                                                       | 9,900                                                                                        | 85                                                                                     |  |
| 90  | 56.8                                                                                  | 120.7                                                                               | 10,000                                                                               | 9,500                                                                                      | 9,100                                                                                      | 8,600                                                                                      |                                                                                            | 60.7                                                                                    | 116.4                                                                                 | 10,500                                                                                       | 9,900                                                                                        | 9,500                                                                                        | 9,000                                                                                        | 90                                                                                     |  |
| 95  | 54.3                                                                                  | 116.8                                                                               | 9,200                                                                                | 8,700                                                                                      | 8,300                                                                                      | 7,900                                                                                      |                                                                                            | 58.0                                                                                    | 112.3                                                                                 | 9,500                                                                                        | 9,100                                                                                        | 8,600                                                                                        | 8,200                                                                                        | 95                                                                                     |  |
| 100 | 51.6                                                                                  | 112.5                                                                               | 8,400                                                                                | 8,000                                                                                      | 7,600                                                                                      | 7,200                                                                                      |                                                                                            | 55.2                                                                                    | 107.8                                                                                 | 8,700                                                                                        | 8,300                                                                                        | 7,900                                                                                        | 7,500                                                                                        | 100                                                                                    |  |
| 105 | 48.8                                                                                  | 107.8                                                                               | 7,700                                                                                | 7,300                                                                                      | 7,000                                                                                      | 6,600                                                                                      |                                                                                            | 52.3                                                                                    | 102.9                                                                                 | 7,900                                                                                        | 7,600                                                                                        | 7,200                                                                                        | 6,900                                                                                        | 105                                                                                    |  |
| 110 | 45.9                                                                                  | 102.5                                                                               | 7,000                                                                                | 6,700                                                                                      | 6,400                                                                                      | 6,100                                                                                      |                                                                                            | 49.2                                                                                    | 97.3                                                                                  | 7,200                                                                                        | 6,900                                                                                        | 6,600                                                                                        | 6,300                                                                                        | 110                                                                                    |  |
| 115 | 42.8                                                                                  | 96.7                                                                                | 6,400                                                                                | 6,100                                                                                      | 5,900                                                                                      | 5,600                                                                                      |                                                                                            | 46.0                                                                                    | 91.2                                                                                  | 6,600                                                                                        | 6,300                                                                                        | 6,100                                                                                        | 5,800                                                                                        | 115                                                                                    |  |
| 120 | 39.5                                                                                  | 90.2                                                                                | 5,900                                                                                | 5,600                                                                                      | 5,400                                                                                      | 5,200                                                                                      |                                                                                            | 42.4                                                                                    | 84.2                                                                                  | 6,000                                                                                        | 5,800                                                                                        | 5,600                                                                                        | 5,300                                                                                        | 120                                                                                    |  |
| 125 | 35.9                                                                                  | 82.8                                                                                | 5,400                                                                                | 5,200                                                                                      | 5,000                                                                                      | 4,700                                                                                      |                                                                                            | 38.5                                                                                    | 76.1                                                                                  | 5,500                                                                                        | 5,300                                                                                        | 5,100                                                                                        | 4,900                                                                                        | 125                                                                                    |  |
| 130 | 31.9                                                                                  | 74.2                                                                                | 4,900                                                                                | 4,700                                                                                      | 4,500                                                                                      | 4,400                                                                                      |                                                                                            | 34.1                                                                                    | 66.6                                                                                  | 5,000                                                                                        | 4,800                                                                                        | 4,600                                                                                        | 4,400                                                                                        | 130                                                                                    |  |
| 135 | 27.3                                                                                  | 63.9                                                                                | 4,500                                                                                | 4,300                                                                                      | 4,200                                                                                      | 4,000                                                                                      |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 135                                                                                    |  |
| 140 | 21.6                                                                                  | 50.7                                                                                | 4,100                                                                                | 3,900                                                                                      | 3,800                                                                                      | 3,700                                                                                      |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 140                                                                                    |  |

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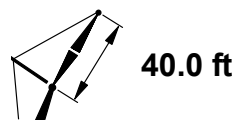
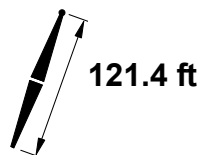
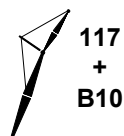
45,400 lb  
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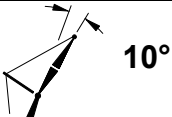
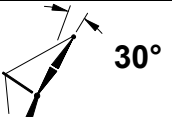
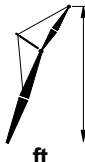
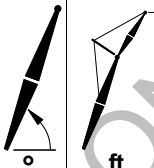


|                                                                                   |      |  10° |   |                                                                                   |        |                                                                                         |                                                                                         |  30° |                                                                                         |                                                                                     |        |                                                                                   |        |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     |     |
|-----------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|
|                                                                                   |      |      |   |                                                                                   |        |                                                                                         |                                                                                         |                                                                                         |                                                                                         |  |        |                                                                                   |        |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     |     |
|                                                                                   |      |                                                                                       |   |                                                                                   |        |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                     |        |                                                                                   |        |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     |     |
|  | ft   |      | ° |  | ft     | 0°<br> | 1°<br> | 2°<br> | 3°<br> |    | °      |  | ft     | 0°<br> | 1°<br> | 2°<br> | 3°<br> |  | ft  |
| 38                                                                                | 80.8 | 155.3                                                                                 |   | 26,000                                                                            |        |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                     |        |                                                                                   |        |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 38  |
| 40                                                                                | 80.0 | 154.9                                                                                 |   | 25,900                                                                            |        |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                     |        |                                                                                   |        |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 40  |
| 42                                                                                | 79.2 | 154.4                                                                                 |   | 25,700                                                                            | 22,400 |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                     |        |                                                                                   |        |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 42  |
| 44                                                                                | 78.5 | 153.8                                                                                 |   | 25,600                                                                            | 22,400 | 19,500                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                     |        |                                                                                   |        |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 44  |
| 46                                                                                | 77.7 | 153.3                                                                                 |   | 25,500                                                                            | 22,200 | 19,500                                                                                  | 17,300                                                                                  |                                                                                         |                                                                                         |                                                                                     |        |                                                                                   |        |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 46  |
| 48                                                                                | 76.9 | 152.7                                                                                 |   | 25,300                                                                            | 22,200 | 19,400                                                                                  | 17,300                                                                                  |                                                                                         |                                                                                         |                                                                                     |        |                                                                                   |        |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 48  |
| 50                                                                                | 76.1 | 152.1                                                                                 |   | 24,100                                                                            | 22,000 | 19,400                                                                                  | 17,200                                                                                  | 80.3                                                                                    | 148.4                                                                                   | 16,400                                                                              |        |                                                                                   |        |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 50  |
| 55                                                                                | 74.1 | 150.4                                                                                 |   | 21,100                                                                            | 19,500 | 18,100                                                                                  | 16,800                                                                                  | 78.2                                                                                    | 146.7                                                                                   | 15,800                                                                              | 15,500 | 14,400                                                                            |        |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 55  |
| 60                                                                                | 72.1 | 148.6                                                                                 |   | 18,500                                                                            | 17,200 | 16,100                                                                                  | 15,000                                                                                  | 76.2                                                                                    | 144.8                                                                                   | 15,200                                                                              | 15,000 | 14,400                                                                            | 12,000 |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 60  |
| 65                                                                                | 70.1 | 146.5                                                                                 |   | 16,500                                                                            | 15,400 | 14,400                                                                                  | 13,400                                                                                  | 74.1                                                                                    | 142.7                                                                                   | 14,700                                                                              | 14,500 | 14,300                                                                            | 12,000 |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 65  |
| 70                                                                                | 68.0 | 144.3                                                                                 |   | 14,700                                                                            | 13,800 | 12,900                                                                                  | 12,100                                                                                  | 71.9                                                                                    | 140.4                                                                                   | 14,300                                                                              | 14,000 | 13,600                                                                            | 12,000 |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 70  |
| 75                                                                                | 65.9 | 141.8                                                                                 |   | 13,200                                                                            | 12,400 | 11,700                                                                                  | 11,000                                                                                  | 69.8                                                                                    | 137.8                                                                                   | 13,800                                                                              | 13,000 | 12,300                                                                            | 11,600 |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 75  |
| 80                                                                                | 63.8 | 139.0                                                                                 |   | 11,900                                                                            | 11,200 | 10,600                                                                                  | 10,000                                                                                  | 67.6                                                                                    | 135.0                                                                                   | 12,500                                                                              | 11,800 | 11,100                                                                            | 10,500 |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 80  |
| 85                                                                                | 61.6 | 136.1                                                                                 |   | 10,800                                                                            | 10,200 | 9,600                                                                                   | 9,100                                                                                   | 65.3                                                                                    | 131.9                                                                                   | 11,300                                                                              | 10,700 | 10,100                                                                            | 9,600  |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 85  |
| 90                                                                                | 59.3 | 132.8                                                                                 |   | 9,800                                                                             | 9,300  | 8,800                                                                                   | 8,300                                                                                   | 63.0                                                                                    | 128.5                                                                                   | 10,300                                                                              | 9,700  | 9,200                                                                             | 8,700  |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 90  |
| 95                                                                                | 57.0 | 129.3                                                                                 |   | 8,900                                                                             | 8,500  | 8,000                                                                                   | 7,600                                                                                   | 60.6                                                                                    | 124.9                                                                                   | 9,300                                                                               | 8,900  | 8,400                                                                             | 8,000  |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 95  |
| 100                                                                               | 54.6 | 125.4                                                                                 |   | 8,100                                                                             | 7,700  | 7,300                                                                                   | 6,900                                                                                   | 58.1                                                                                    | 120.9                                                                                   | 8,500                                                                               | 8,100  | 7,700                                                                             | 7,300  |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 100 |
| 105                                                                               | 52.2 | 121.2                                                                                 |   | 7,400                                                                             | 7,100  | 6,700                                                                                   | 6,300                                                                                   | 55.5                                                                                    | 116.5                                                                                   | 7,800                                                                               | 7,400  | 7,000                                                                             | 6,600  |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 105 |
| 110                                                                               | 49.6 | 116.6                                                                                 |   | 6,800                                                                             | 6,500  | 6,100                                                                                   | 5,800                                                                                   | 52.9                                                                                    | 111.7                                                                                   | 7,100                                                                               | 6,700  | 6,400                                                                             | 6,100  |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 110 |
| 115                                                                               | 46.9 | 111.6                                                                                 |   | 6,200                                                                             | 5,900  | 5,600                                                                                   | 5,300                                                                                   | 50.1                                                                                    | 106.4                                                                                   | 6,400                                                                               | 6,100  | 5,800                                                                             | 5,600  |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 115 |
| 120                                                                               | 44.1 | 106.0                                                                                 |   | 5,700                                                                             | 5,400  | 5,100                                                                                   | 4,900                                                                                   | 47.1                                                                                    | 100.6                                                                                   | 5,900                                                                               | 5,600  | 5,300                                                                             | 5,100  |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 120 |
| 125                                                                               | 41.1 | 99.9                                                                                  |   | 5,200                                                                             | 4,900  | 4,700                                                                                   | 4,500                                                                                   | 43.9                                                                                    | 94.0                                                                                    | 5,300                                                                               | 5,100  | 4,900                                                                             | 4,600  |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 125 |
| 130                                                                               | 37.9 | 93.0                                                                                  |   | 4,700                                                                             | 4,500  | 4,300                                                                                   | 4,100                                                                                   | 40.5                                                                                    | 86.7                                                                                    | 4,900                                                                               | 4,600  | 4,400                                                                             | 4,200  |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 130 |
| 135                                                                               | 34.5 | 85.3                                                                                  |   | 4,300                                                                             | 4,100  | 3,900                                                                                   | 3,700                                                                                   | 36.7                                                                                    | 78.2                                                                                    | 4,400                                                                               | 4,200  | 4,000                                                                             | 3,800  |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 135 |
| 140                                                                               | 30.6 | 76.3                                                                                  |   | 3,900                                                                             | 3,700  | 3,600                                                                                   | 3,400                                                                                   | 32.4                                                                                    | 68.2                                                                                    | 4,000                                                                               | 3,800  | 3,600                                                                             | 3,400  |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 140 |
| 145                                                                               | 26.1 | 65.5                                                                                  |   | 3,500                                                                             | 3,400  | 3,200                                                                                   | 3,100                                                                                   |                                                                                         |                                                                                         |                                                                                     |        |                                                                                   |        |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 145 |
| 150                                                                               | 20.6 | 51.6                                                                                  |   | 3,200                                                                             | 3,000  | 2,900                                                                                   | 2,800                                                                                   |                                                                                         |                                                                                         |                                                                                     |        |                                                                                   |        |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                     | 150 |

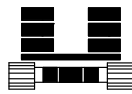
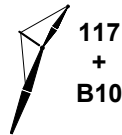


# MLC100-1 S-1



|     |  10° |                                                                                     |                                                                                      |                                                                                            |                                                                                            |                                                                                            |                                                                                            |  30° |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              |                                                                                        |  |
|-----|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--|
|     |  ft  |  ° |  ft |           |                                                                                            |                                                                                            |                                                                                            |  °    |  ft |           |                                                                                              |                                                                                              |                                                                                              |  ft |  |
|     |                                                                                       |                                                                                     |                                                                                      | 0°<br> lb | 1°<br> lb | 2°<br> lb | 3°<br> lb |                                                                                         |                                                                                       | 0°<br> lb | 1°<br> lb | 2°<br> lb | 3°<br> lb |                                                                                        |  |
| 40  | 80.6                                                                                  | 164.9                                                                               | 25,900                                                                               |                                                                                            |                                                                                            |                                                                                            |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 40                                                                                     |  |
| 42  | 79.9                                                                                  | 164.5                                                                               | 25,700                                                                               | 22,400                                                                                     |                                                                                            |                                                                                            |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 42                                                                                     |  |
| 44  | 79.2                                                                                  | 164.0                                                                               | 25,600                                                                               | 22,300                                                                                     |                                                                                            |                                                                                            |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 44                                                                                     |  |
| 46  | 78.5                                                                                  | 163.5                                                                               | 25,500                                                                               | 22,200                                                                                     | 19,400                                                                                     |                                                                                            |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 46                                                                                     |  |
| 48  | 77.7                                                                                  | 162.9                                                                               | 25,400                                                                               | 22,200                                                                                     | 19,300                                                                                     | 17,200                                                                                     |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 48                                                                                     |  |
| 50  | 77.0                                                                                  | 162.4                                                                               | 23,900                                                                               | 21,900                                                                                     | 19,200                                                                                     | 17,200                                                                                     | 80.9                                                                                       | 158.6                                                                                   | 16,600                                                                                |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 50                                                                                     |  |
| 55  | 75.1                                                                                  | 160.8                                                                               | 20,800                                                                               | 19,200                                                                                     | 17,700                                                                                     | 16,300                                                                                     | 79.0                                                                                       | 157.0                                                                                   | 16,000                                                                                | 15,700                                                                                       | 14,100                                                                                       |                                                                                              |                                                                                              | 55                                                                                     |  |
| 60  | 73.3                                                                                  | 159.1                                                                               | 18,300                                                                               | 16,900                                                                                     | 15,700                                                                                     | 14,500                                                                                     | 77.1                                                                                       | 155.3                                                                                   | 15,500                                                                                | 15,200                                                                                       | 14,100                                                                                       | 11,700                                                                                       |                                                                                              | 60                                                                                     |  |
| 65  | 71.4                                                                                  | 157.2                                                                               | 16,200                                                                               | 15,100                                                                                     | 14,000                                                                                     | 13,000                                                                                     | 75.1                                                                                       | 153.3                                                                                   | 15,000                                                                                | 14,700                                                                                       | 14,100                                                                                       | 11,700                                                                                       |                                                                                              | 65                                                                                     |  |
| 70  | 69.4                                                                                  | 155.1                                                                               | 14,500                                                                               | 13,500                                                                                     | 12,600                                                                                     | 11,700                                                                                     | 73.2                                                                                       | 151.1                                                                                   | 14,500                                                                                | 14,200                                                                                       | 13,300                                                                                       | 11,700                                                                                       |                                                                                              | 70                                                                                     |  |
| 75  | 67.5                                                                                  | 152.8                                                                               | 13,000                                                                               | 12,100                                                                                     | 11,300                                                                                     | 10,600                                                                                     | 71.2                                                                                       | 148.8                                                                                   | 13,700                                                                                | 12,800                                                                                       | 12,000                                                                                       | 11,200                                                                                       |                                                                                              | 75                                                                                     |  |
| 80  | 65.5                                                                                  | 150.2                                                                               | 11,700                                                                               | 10,900                                                                                     | 10,200                                                                                     | 9,600                                                                                      | 69.1                                                                                       | 146.2                                                                                   | 12,300                                                                                | 11,500                                                                                       | 10,800                                                                                       | 10,200                                                                                       |                                                                                              | 80                                                                                     |  |
| 85  | 63.5                                                                                  | 147.5                                                                               | 10,600                                                                               | 9,900                                                                                      | 9,300                                                                                      | 8,700                                                                                      | 67.0                                                                                       | 143.4                                                                                   | 11,100                                                                                | 10,400                                                                                       | 9,800                                                                                        | 9,200                                                                                        |                                                                                              | 85                                                                                     |  |
| 90  | 61.4                                                                                  | 144.5                                                                               | 9,600                                                                                | 9,000                                                                                      | 8,400                                                                                      | 7,900                                                                                      | 64.9                                                                                       | 140.3                                                                                   | 10,100                                                                                | 9,500                                                                                        | 8,900                                                                                        | 8,400                                                                                        |                                                                                              | 90                                                                                     |  |
| 95  | 59.3                                                                                  | 141.3                                                                               | 8,700                                                                                | 8,200                                                                                      | 7,700                                                                                      | 7,200                                                                                      | 62.7                                                                                       | 136.9                                                                                   | 9,100                                                                                 | 8,600                                                                                        | 8,100                                                                                        | 7,600                                                                                        |                                                                                              | 95                                                                                     |  |
| 100 | 57.2                                                                                  | 137.8                                                                               | 7,900                                                                                | 7,400                                                                                      | 7,000                                                                                      | 6,600                                                                                      | 60.5                                                                                       | 133.3                                                                                   | 8,300                                                                                 | 7,800                                                                                        | 7,400                                                                                        | 7,000                                                                                        |                                                                                              | 100                                                                                    |  |
| 105 | 54.9                                                                                  | 134.0                                                                               | 7,200                                                                                | 6,800                                                                                      | 6,400                                                                                      | 6,000                                                                                      | 58.2                                                                                       | 129.4                                                                                   | 7,500                                                                                 | 7,100                                                                                        | 6,700                                                                                        | 6,300                                                                                        |                                                                                              | 105                                                                                    |  |
| 110 | 52.7                                                                                  | 129.9                                                                               | 6,500                                                                                | 6,200                                                                                      | 5,800                                                                                      | 5,500                                                                                      | 55.8                                                                                       | 125.1                                                                                   | 6,900                                                                                 | 6,500                                                                                        | 6,100                                                                                        | 5,800                                                                                        |                                                                                              | 110                                                                                    |  |
| 115 | 50.3                                                                                  | 125.4                                                                               | 5,900                                                                                | 5,600                                                                                      | 5,300                                                                                      | 5,000                                                                                      | 53.3                                                                                       | 120.5                                                                                   | 6,200                                                                                 | 5,900                                                                                        | 5,600                                                                                        | 5,300                                                                                        |                                                                                              | 115                                                                                    |  |
| 120 | 47.8                                                                                  | 120.5                                                                               | 5,400                                                                                | 5,100                                                                                      | 4,800                                                                                      | 4,500                                                                                      | 50.8                                                                                       | 115.4                                                                                   | 5,700                                                                                 | 5,400                                                                                        | 5,100                                                                                        | 4,800                                                                                        |                                                                                              | 120                                                                                    |  |
| 125 | 45.2                                                                                  | 115.2                                                                               | 4,900                                                                                | 4,600                                                                                      | 4,400                                                                                      | 4,100                                                                                      | 48.1                                                                                       | 109.8                                                                                   | 5,100                                                                                 | 4,900                                                                                        | 4,600                                                                                        | 4,300                                                                                        |                                                                                              | 125                                                                                    |  |
| 130 | 42.5                                                                                  | 109.4                                                                               | 4,500                                                                                | 4,200                                                                                      | 4,000                                                                                      | 3,800                                                                                      | 45.2                                                                                       | 103.6                                                                                   | 4,600                                                                                 | 4,400                                                                                        | 4,200                                                                                        | 3,900                                                                                        |                                                                                              | 130                                                                                    |  |
| 135 | 39.6                                                                                  | 103.0                                                                               | 4,000                                                                                | 3,800                                                                                      | 3,600                                                                                      | 3,400                                                                                      | 42.1                                                                                       | 96.8                                                                                    | 4,200                                                                                 | 4,000                                                                                        | 3,800                                                                                        | 3,500                                                                                        |                                                                                              | 135                                                                                    |  |
| 140 | 36.5                                                                                  | 95.8                                                                                | 3,700                                                                                | 3,500                                                                                      | 3,300                                                                                      | 3,100                                                                                      | 38.8                                                                                       | 89.1                                                                                    | 3,800                                                                                 | 3,600                                                                                        | 3,400                                                                                        | 3,200                                                                                        |                                                                                              | 140                                                                                    |  |
| 145 | 33.1                                                                                  | 87.6                                                                                | 3,300                                                                                | 3,100                                                                                      | 2,900                                                                                      | 2,800                                                                                      | 35.1                                                                                       | 80.2                                                                                    | 3,400                                                                                 | 3,200                                                                                        | 3,000                                                                                        | 2,800                                                                                        |                                                                                              | 145                                                                                    |  |
| 150 | 29.4                                                                                  | 78.2                                                                                | 2,900                                                                                | 2,800                                                                                      | 2,600                                                                                      | 2,500                                                                                      |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 150                                                                                    |  |
| 155 | 25.0                                                                                  | 67.0                                                                                | 2,600                                                                                | 2,500                                                                                      | 2,300                                                                                      | 2,200                                                                                      |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 155                                                                                    |  |

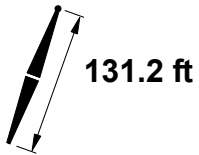
# MLC100-1 S-1



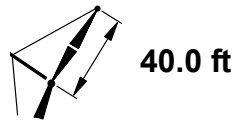
45,400 lb  
+  
0 lb



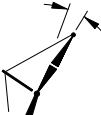
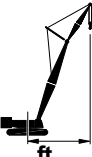
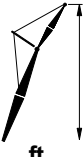
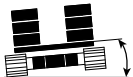
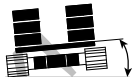
360°



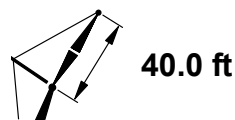
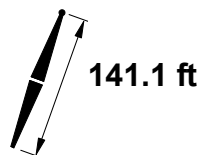
131.2 ft

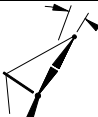
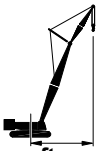
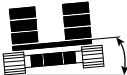
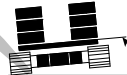


40.0 ft

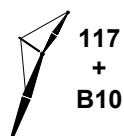
|     |  10° |                                                                                     |                                                                                      |                                                                                      |                                                                                      |                                                                                      |                                                                                      |  30° |                                                                                      |                                                                                       |                                                                                        |                                                                                        |                                                                                        |                                                                                        |  |
|-----|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--|
|     |  ft  |  ° |  ft |     |                                                                                      |                                                                                      |                                                                                      |  °     |  ft |    |                                                                                        |                                                                                        |                                                                                        |  ft |  |
|     |                                                                                       |                                                                                     |                                                                                      |  0° |  1° |  2° |  3° |                                                                                         |                                                                                      |  0° |  1° |  2° |  3° |                                                                                        |  |
|     |                                                                                       |                                                                                     |                                                                                      |                                                                                      |                                                                                      |                                                                                      |                                                                                      |                                                                                         |                                                                                      |                                                                                       |                                                                                        |                                                                                        |                                                                                        |                                                                                        |  |
| 42  | 80.5                                                                                  | 174.6                                                                               | 25,700                                                                               |                                                                                      |                                                                                      |                                                                                      |                                                                                      |                                                                                         |                                                                                      |                                                                                       |                                                                                        |                                                                                        |                                                                                        | 42                                                                                     |  |
| 44  | 79.8                                                                                  | 174.1                                                                               | 25,600                                                                               | 22,200                                                                               |                                                                                      |                                                                                      |                                                                                      |                                                                                         |                                                                                      |                                                                                       |                                                                                        |                                                                                        |                                                                                        | 44                                                                                     |  |
| 46  | 79.1                                                                                  | 173.6                                                                               | 25,400                                                                               | 22,100                                                                               |                                                                                      |                                                                                      |                                                                                      |                                                                                         |                                                                                      |                                                                                       |                                                                                        |                                                                                        |                                                                                        | 46                                                                                     |  |
| 48  | 78.4                                                                                  | 173.1                                                                               | 25,100                                                                               | 22,100                                                                               | 19,300                                                                               |                                                                                      |                                                                                      |                                                                                         |                                                                                      |                                                                                       |                                                                                        |                                                                                        |                                                                                        | 48                                                                                     |  |
| 50  | 77.8                                                                                  | 172.6                                                                               | 23,700                                                                               | 21,500                                                                               | 19,200                                                                               | 17,100                                                                               |                                                                                      |                                                                                         |                                                                                      |                                                                                       |                                                                                        |                                                                                        |                                                                                        | 50                                                                                     |  |
| 55  | 76.0                                                                                  | 171.1                                                                               | 20,600                                                                               | 18,800                                                                               | 17,300                                                                               | 15,900                                                                               | 79.7                                                                                 | 167.3                                                                                   | 16,200                                                                               | 15,900                                                                                |                                                                                        |                                                                                        |                                                                                        | 55                                                                                     |  |
| 60  | 74.3                                                                                  | 169.5                                                                               | 18,100                                                                               | 16,600                                                                               | 15,300                                                                               | 14,100                                                                               | 77.9                                                                                 | 165.7                                                                                   | 15,700                                                                               | 15,400                                                                                | 13,800                                                                                 | 11,500                                                                                 |                                                                                        | 60                                                                                     |  |
| 65  | 72.5                                                                                  | 167.7                                                                               | 16,000                                                                               | 14,800                                                                               | 13,700                                                                               | 12,700                                                                               | 76.1                                                                                 | 163.8                                                                                   | 15,200                                                                               | 15,000                                                                                | 13,800                                                                                 | 11,500                                                                                 |                                                                                        | 65                                                                                     |  |
| 70  | 70.7                                                                                  | 165.8                                                                               | 14,300                                                                               | 13,200                                                                               | 12,300                                                                               | 11,400                                                                               | 74.2                                                                                 | 161.8                                                                                   | 14,800                                                                               | 14,000                                                                                | 13,000                                                                                 | 11,500                                                                                 |                                                                                        | 70                                                                                     |  |
| 75  | 68.9                                                                                  | 163.6                                                                               | 12,800                                                                               | 11,900                                                                               | 11,000                                                                               | 10,300                                                                               | 72.4                                                                                 | 159.6                                                                                   | 13,500                                                                               | 12,600                                                                                | 11,700                                                                                 | 10,900                                                                                 |                                                                                        | 75                                                                                     |  |
| 80  | 67.0                                                                                  | 161.3                                                                               | 11,500                                                                               | 10,700                                                                               | 10,000                                                                               | 9,300                                                                                | 70.5                                                                                 | 157.2                                                                                   | 12,100                                                                               | 11,300                                                                                | 10,600                                                                                 | 9,900                                                                                  |                                                                                        | 80                                                                                     |  |
| 85  | 65.2                                                                                  | 158.7                                                                               | 10,400                                                                               | 9,700                                                                                | 9,000                                                                                | 8,400                                                                                | 68.5                                                                                 | 154.6                                                                                   | 10,900                                                                               | 10,200                                                                                | 9,600                                                                                  | 9,000                                                                                  |                                                                                        | 85                                                                                     |  |
| 90  | 63.3                                                                                  | 156.0                                                                               | 9,400                                                                                | 8,800                                                                                | 8,200                                                                                | 7,600                                                                                | 66.6                                                                                 | 151.7                                                                                   | 9,900                                                                                | 9,300                                                                                 | 8,700                                                                                  | 8,100                                                                                  |                                                                                        | 90                                                                                     |  |
| 95  | 61.3                                                                                  | 153.0                                                                               | 8,500                                                                                | 7,900                                                                                | 7,400                                                                                | 6,900                                                                                | 64.6                                                                                 | 148.7                                                                                   | 9,000                                                                                | 8,400                                                                                 | 7,900                                                                                  | 7,400                                                                                  |                                                                                        | 95                                                                                     |  |
| 100 | 59.3                                                                                  | 149.8                                                                               | 7,700                                                                                | 7,200                                                                                | 6,700                                                                                | 6,300                                                                                | 62.5                                                                                 | 145.4                                                                                   | 8,100                                                                                | 7,600                                                                                 | 7,200                                                                                  | 6,700                                                                                  |                                                                                        | 100                                                                                    |  |
| 105 | 57.3                                                                                  | 146.3                                                                               | 7,000                                                                                | 6,500                                                                                | 6,100                                                                                | 5,700                                                                                | 60.4                                                                                 | 141.8                                                                                   | 7,400                                                                                | 6,900                                                                                 | 6,500                                                                                  | 6,100                                                                                  |                                                                                        | 105                                                                                    |  |
| 110 | 55.2                                                                                  | 142.6                                                                               | 6,300                                                                                | 5,900                                                                                | 5,600                                                                                | 5,200                                                                                | 58.3                                                                                 | 137.9                                                                                   | 6,700                                                                                | 6,300                                                                                 | 5,900                                                                                  | 5,600                                                                                  |                                                                                        | 110                                                                                    |  |
| 115 | 53.1                                                                                  | 138.5                                                                               | 5,800                                                                                | 5,400                                                                                | 5,100                                                                                | 4,700                                                                                | 56.1                                                                                 | 133.7                                                                                   | 6,100                                                                                | 5,700                                                                                 | 5,400                                                                                  | 5,000                                                                                  |                                                                                        | 115                                                                                    |  |
| 120 | 50.9                                                                                  | 134.2                                                                               | 5,200                                                                                | 4,900                                                                                | 4,600                                                                                | 4,300                                                                                | 53.8                                                                                 | 129.2                                                                                   | 5,500                                                                                | 5,200                                                                                 | 4,900                                                                                  | 4,600                                                                                  |                                                                                        | 120                                                                                    |  |
| 125 | 48.6                                                                                  | 129.4                                                                               | 4,700                                                                                | 4,400                                                                                | 4,200                                                                                | 3,900                                                                                | 51.4                                                                                 | 124.3                                                                                   | 5,000                                                                                | 4,700                                                                                 | 4,400                                                                                  | 4,100                                                                                  |                                                                                        | 125                                                                                    |  |
| 130 | 46.2                                                                                  | 124.3                                                                               | 4,300                                                                                | 4,000                                                                                | 3,800                                                                                | 3,500                                                                                | 48.9                                                                                 | 118.9                                                                                   | 4,500                                                                                | 4,200                                                                                 | 4,000                                                                                  | 3,700                                                                                  |                                                                                        | 130                                                                                    |  |
| 135 | 43.7                                                                                  | 118.7                                                                               | 3,900                                                                                | 3,600                                                                                | 3,400                                                                                | 3,200                                                                                | 46.2                                                                                 | 113.0                                                                                   | 4,100                                                                                | 3,800                                                                                 | 3,600                                                                                  | 3,300                                                                                  |                                                                                        | 135                                                                                    |  |
| 140 | 41.0                                                                                  | 112.6                                                                               | 3,500                                                                                | 3,300                                                                                | 3,000                                                                                | 2,800                                                                                | 43.5                                                                                 | 106.6                                                                                   | 3,600                                                                                | 3,400                                                                                 | 3,200                                                                                  | 3,000                                                                                  |                                                                                        | 140                                                                                    |  |
| 145 | 38.2                                                                                  | 105.9                                                                               | 3,100                                                                                | 2,900                                                                                | 2,700                                                                                | 2,500                                                                                | 40.5                                                                                 | 99.4                                                                                    | 3,200                                                                                | 3,000                                                                                 | 2,800                                                                                  | 2,700                                                                                  |                                                                                        | 145                                                                                    |  |
| 150 | 35.2                                                                                  | 98.4                                                                                | 2,800                                                                                | 2,600                                                                                | 2,400                                                                                | 2,200                                                                                | 37.2                                                                                 | 91.3                                                                                    | 2,900                                                                                | 2,700                                                                                 | 2,500                                                                                  | 2,300                                                                                  |                                                                                        | 150                                                                                    |  |
| 155 | 32.0                                                                                  | 89.9                                                                                | 2,500                                                                                | 2,300                                                                                | 2,100                                                                                | 2,000                                                                                | 33.6                                                                                 | 82.1                                                                                    | 2,500                                                                                | 2,400                                                                                 | 2,200                                                                                  | 2,000                                                                                  |                                                                                        | 155                                                                                    |  |
| 160 | 28.3                                                                                  | 80.1                                                                                | 2,200                                                                                | 2,000                                                                                |                                                                                      |                                                                                      |                                                                                      |                                                                                         |                                                                                      |                                                                                       |                                                                                        |                                                                                        |                                                                                        | 160                                                                                    |  |

# MLC100-1 S-1

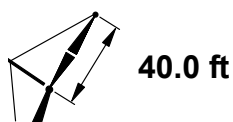
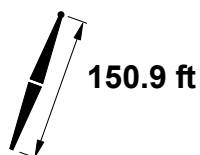


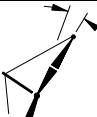
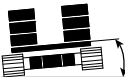
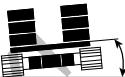
|     |  10°   |                                                                                        |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                         |  30° |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                           |                                                                                           |  |
|-----|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--|
|     | <br>ft | <br>° | <br>ft |        |                                                                                         |                                                                                         |                                                                                         | <br>°  | <br>ft |        |                                                                                           |                                                                                           |                                                                                           | <br>ft |  |
|     |                                                                                         |                                                                                        |                                                                                         | <br>lb | <br>lb | <br>lb | <br>lb |                                                                                         |                                                                                          | <br>lb | <br>lb | <br>lb | <br>lb |                                                                                           |  |
|     |                                                                                         |                                                                                        |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                           |                                                                                           |  |
| 44  | 80.4                                                                                    | 184.2                                                                                  | 25,500                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 44                                                                                        |  |
| 46  | 79.7                                                                                    | 183.7                                                                                  | 25,400                                                                                  | 22,000                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 46                                                                                        |  |
| 48  | 79.1                                                                                    | 183.3                                                                                  | 24,900                                                                                  | 21,900                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 48                                                                                        |  |
| 50  | 78.4                                                                                    | 182.8                                                                                  | 23,500                                                                                  | 21,200                                                                                  | 19,000                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                          |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 50                                                                                        |  |
| 55  | 76.8                                                                                    | 181.4                                                                                  | 20,400                                                                                  | 18,500                                                                                  | 16,900                                                                                  | 15,400                                                                                  | 80.3                                                                                    | 177.5                                                                                   | 16,400                                                                                   |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 55                                                                                        |  |
| 60  | 75.1                                                                                    | 179.9                                                                                  | 17,900                                                                                  | 16,300                                                                                  | 15,000                                                                                  | 13,700                                                                                  | 78.6                                                                                    | 176.0                                                                                   | 15,900                                                                                   | 15,600                                                                                    | 13,600                                                                                    |                                                                                           |                                                                                           | 60                                                                                        |  |
| 65  | 73.5                                                                                    | 178.2                                                                                  | 15,800                                                                                  | 14,500                                                                                  | 13,300                                                                                  | 12,300                                                                                  | 76.9                                                                                    | 174.2                                                                                   | 15,400                                                                                   | 15,200                                                                                    | 13,500                                                                                    | 11,300                                                                                    |                                                                                           | 65                                                                                        |  |
| 70  | 71.8                                                                                    | 176.3                                                                                  | 14,000                                                                                  | 12,900                                                                                  | 11,900                                                                                  | 11,000                                                                                  | 75.1                                                                                    | 172.4                                                                                   | 14,900                                                                                   | 13,800                                                                                    | 12,700                                                                                    | 11,300                                                                                    |                                                                                           | 70                                                                                        |  |
| 75  | 70.1                                                                                    | 174.3                                                                                  | 12,500                                                                                  | 11,600                                                                                  | 10,700                                                                                  | 9,900                                                                                   | 73.4                                                                                    | 170.3                                                                                   | 13,300                                                                                   | 12,300                                                                                    | 11,400                                                                                    | 10,600                                                                                    |                                                                                           | 75                                                                                        |  |
| 80  | 68.4                                                                                    | 172.1                                                                                  | 11,200                                                                                  | 10,400                                                                                  | 9,600                                                                                   | 8,900                                                                                   | 71.6                                                                                    | 168.0                                                                                   | 11,900                                                                                   | 11,100                                                                                    | 10,300                                                                                    | 9,600                                                                                     |                                                                                           | 80                                                                                        |  |
| 85  | 66.6                                                                                    | 169.8                                                                                  | 10,100                                                                                  | 9,400                                                                                   | 8,700                                                                                   | 8,100                                                                                   | 69.8                                                                                    | 165.6                                                                                   | 10,700                                                                                   | 10,000                                                                                    | 9,300                                                                                     | 8,600                                                                                     |                                                                                           | 85                                                                                        |  |
| 90  | 64.9                                                                                    | 167.2                                                                                  | 9,100                                                                                   | 8,500                                                                                   | 7,900                                                                                   | 7,300                                                                                   | 68.0                                                                                    | 163.0                                                                                   | 9,700                                                                                    | 9,000                                                                                     | 8,400                                                                                     | 7,800                                                                                     |                                                                                           | 90                                                                                        |  |
| 95  | 63.1                                                                                    | 164.4                                                                                  | 8,200                                                                                   | 7,700                                                                                   | 7,100                                                                                   | 6,600                                                                                   | 66.2                                                                                    | 160.1                                                                                   | 8,800                                                                                    | 8,200                                                                                     | 7,600                                                                                     | 7,100                                                                                     |                                                                                           | 95                                                                                        |  |
| 100 | 61.2                                                                                    | 161.4                                                                                  | 7,400                                                                                   | 6,900                                                                                   | 6,400                                                                                   | 6,000                                                                                   | 64.3                                                                                    | 157.1                                                                                   | 7,900                                                                                    | 7,400                                                                                     | 6,900                                                                                     | 6,400                                                                                     |                                                                                           | 100                                                                                       |  |
| 105 | 59.3                                                                                    | 158.2                                                                                  | 6,700                                                                                   | 6,300                                                                                   | 5,800                                                                                   | 5,400                                                                                   | 62.4                                                                                    | 153.8                                                                                   | 7,200                                                                                    | 6,700                                                                                     | 6,200                                                                                     | 5,800                                                                                     |                                                                                           | 105                                                                                       |  |
| 110 | 57.4                                                                                    | 154.8                                                                                  | 6,100                                                                                   | 5,700                                                                                   | 5,300                                                                                   | 4,900                                                                                   | 60.4                                                                                    | 150.2                                                                                   | 6,500                                                                                    | 6,100                                                                                     | 5,700                                                                                     | 5,300                                                                                     |                                                                                           | 110                                                                                       |  |
| 115 | 55.5                                                                                    | 151.1                                                                                  | 5,500                                                                                   | 5,100                                                                                   | 4,800                                                                                   | 4,400                                                                                   | 58.4                                                                                    | 146.4                                                                                   | 5,900                                                                                    | 5,500                                                                                     | 5,100                                                                                     | 4,800                                                                                     |                                                                                           | 115                                                                                       |  |
| 120 | 53.5                                                                                    | 147.1                                                                                  | 5,000                                                                                   | 4,600                                                                                   | 4,300                                                                                   | 4,000                                                                                   | 56.3                                                                                    | 142.3                                                                                   | 5,300                                                                                    | 4,900                                                                                     | 4,600                                                                                     | 4,300                                                                                     |                                                                                           | 120                                                                                       |  |
| 125 | 51.4                                                                                    | 142.9                                                                                  | 4,500                                                                                   | 4,200                                                                                   | 3,900                                                                                   | 3,600                                                                                   | 54.1                                                                                    | 137.9                                                                                   | 4,800                                                                                    | 4,500                                                                                     | 4,100                                                                                     | 3,800                                                                                     |                                                                                           | 125                                                                                       |  |
| 130 | 49.2                                                                                    | 138.3                                                                                  | 4,000                                                                                   | 3,700                                                                                   | 3,500                                                                                   | 3,200                                                                                   | 51.9                                                                                    | 133.1                                                                                   | 4,300                                                                                    | 4,000                                                                                     | 3,700                                                                                     | 3,400                                                                                     |                                                                                           | 130                                                                                       |  |
| 135 | 47.0                                                                                    | 133.3                                                                                  | 3,600                                                                                   | 3,300                                                                                   | 3,100                                                                                   | 2,900                                                                                   | 49.6                                                                                    | 127.9                                                                                   | 3,800                                                                                    | 3,600                                                                                     | 3,300                                                                                     | 3,100                                                                                     |                                                                                           | 135                                                                                       |  |
| 140 | 44.7                                                                                    | 127.9                                                                                  | 3,200                                                                                   | 3,000                                                                                   | 2,800                                                                                   | 2,500                                                                                   | 47.2                                                                                    | 122.3                                                                                   | 3,400                                                                                    | 3,200                                                                                     | 2,900                                                                                     | 2,700                                                                                     |                                                                                           | 140                                                                                       |  |
| 145 | 42.3                                                                                    | 122.1                                                                                  | 2,900                                                                                   | 2,600                                                                                   | 2,400                                                                                   | 2,200                                                                                   | 44.6                                                                                    | 116.2                                                                                   | 3,000                                                                                    | 2,800                                                                                     | 2,600                                                                                     | 2,400                                                                                     |                                                                                           | 145                                                                                       |  |
| 150 | 39.7                                                                                    | 115.7                                                                                  | 2,500                                                                                   | 2,300                                                                                   | 2,100                                                                                   |                                                                                         | 41.9                                                                                    | 109.4                                                                                   | 2,700                                                                                    | 2,500                                                                                     | 2,300                                                                                     | 2,100                                                                                     |                                                                                           | 150                                                                                       |  |
| 155 | 37.0                                                                                    | 108.7                                                                                  | 2,200                                                                                   | 2,000                                                                                   |                                                                                         |                                                                                         | 39.0                                                                                    | 101.9                                                                                   | 2,300                                                                                    | 2,100                                                                                     | 2,000                                                                                     |                                                                                           |                                                                                           | 155                                                                                       |  |
| 160 |                                                                                         |                                                                                        |                                                                                         |                                                                                         |                                                                                         |                                                                                         | 35.8                                                                                    | 93.5                                                                                    | 2,000                                                                                    |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 160                                                                                       |  |

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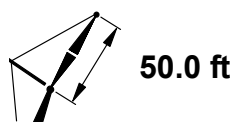


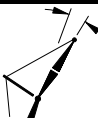
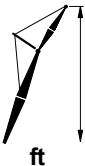
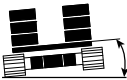
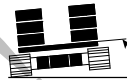
45,400 lb  
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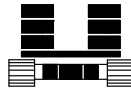
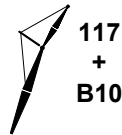
|     |  10°   |                                                                                        |                                                                                         |                                                                                   |        |        |      |  30° |                                                                                         |                                                                                     |        |        |    |                                                                                           |  |
|-----|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------|--------|------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|--------|----|-------------------------------------------------------------------------------------------|--|
|     | <br>ft | <br>° | <br>ft |  |        |        |      | <br>°  | <br>ft |  |        |        |    | <br>ft |  |
|     |                                                                                         |                                                                                        |                                                                                         | 0°                                                                                | 1°     | 2°     | 3°   |                                                                                         |                                                                                         | 0°                                                                                  | 1°     | 2°     | 3° |                                                                                           |  |
|     |                                                                                         |                                                                                        |                                                                                         |                                                                                   |        |        |      |                                                                                         |                                                                                         |                                                                                     |        |        |    |                                                                                           |  |
| 44  | 80.9                                                                                    | 194.3                                                                                  | 25,300                                                                                  |                                                                                   |        |        |      |                                                                                         |                                                                                         |                                                                                     |        |        |    | 44                                                                                        |  |
| 46  | 80.3                                                                                    | 193.8                                                                                  | 25,200                                                                                  |                                                                                   |        |        |      |                                                                                         |                                                                                         |                                                                                     |        |        |    | 46                                                                                        |  |
| 48  | 79.7                                                                                    | 193.4                                                                                  | 24,700                                                                                  | 21,800                                                                            |        |        |      |                                                                                         |                                                                                         |                                                                                     |        |        |    | 48                                                                                        |  |
| 50  | 79.0                                                                                    | 192.9                                                                                  | 23,200                                                                                  | 20,900                                                                            |        |        |      |                                                                                         |                                                                                         |                                                                                     |        |        |    | 50                                                                                        |  |
| 55  | 77.5                                                                                    | 191.6                                                                                  | 20,100                                                                                  | 18,200                                                                            | 16,500 | 15,000 |      | 80.8                                                                                    | 187.7                                                                                   | 16,600                                                                              |        |        |    | 55                                                                                        |  |
| 60  | 75.9                                                                                    | 190.2                                                                                  | 17,600                                                                                  | 16,000                                                                            | 14,600 | 13,300 | 79.2 | 186.2                                                                                   | 16,100                                                                                  | 15,800                                                                              |        |        |    | 60                                                                                        |  |
| 65  | 74.4                                                                                    | 188.6                                                                                  | 15,500                                                                                  | 14,200                                                                            | 13,000 | 11,900 | 77.6 | 184.6                                                                                   | 15,600                                                                                  | 15,200                                                                              | 13,300 | 11,100 |    | 65                                                                                        |  |
| 70  | 72.8                                                                                    | 186.8                                                                                  | 13,800                                                                                  | 12,600                                                                            | 11,600 | 10,600 | 76.0 | 182.8                                                                                   | 14,700                                                                                  | 13,500                                                                              | 12,400 | 11,100 |    | 70                                                                                        |  |
| 75  | 71.2                                                                                    | 184.9                                                                                  | 12,300                                                                                  | 11,300                                                                            | 10,400 | 9,500  | 74.3 | 180.9                                                                                   | 13,100                                                                                  | 12,100                                                                              | 11,100 | 10,300 |    | 75                                                                                        |  |
| 80  | 69.6                                                                                    | 182.9                                                                                  | 11,000                                                                                  | 10,100                                                                            | 9,300  | 8,600  | 72.7 | 178.8                                                                                   | 11,700                                                                                  | 10,900                                                                              | 10,000 | 9,300  |    | 80                                                                                        |  |
| 85  | 67.9                                                                                    | 180.7                                                                                  | 9,900                                                                                   | 9,100                                                                             | 8,400  | 7,700  | 71.0 | 176.5                                                                                   | 10,600                                                                                  | 9,800                                                                               | 9,000  | 8,300  |    | 85                                                                                        |  |
| 90  | 66.3                                                                                    | 178.3                                                                                  | 8,900                                                                                   | 8,200                                                                             | 7,600  | 7,000  | 69.3 | 174.0                                                                                   | 9,500                                                                                   | 8,800                                                                               | 8,100  | 7,500  |    | 90                                                                                        |  |
| 95  | 64.6                                                                                    | 175.7                                                                                  | 8,000                                                                                   | 7,400                                                                             | 6,800  | 6,300  | 67.6 | 171.4                                                                                   | 8,600                                                                                   | 7,900                                                                               | 7,400  | 6,800  |    | 95                                                                                        |  |
| 100 | 62.9                                                                                    | 172.9                                                                                  | 7,200                                                                                   | 6,700                                                                             | 6,100  | 5,700  | 65.8 | 168.5                                                                                   | 7,700                                                                                   | 7,200                                                                               | 6,600  | 6,100  |    | 100                                                                                       |  |
| 105 | 61.1                                                                                    | 169.9                                                                                  | 6,500                                                                                   | 6,000                                                                             | 5,500  | 5,100  | 64.0 | 165.5                                                                                   | 7,000                                                                                   | 6,500                                                                               | 6,000  | 5,500  |    | 105                                                                                       |  |
| 110 | 59.4                                                                                    | 166.7                                                                                  | 5,900                                                                                   | 5,400                                                                             | 5,000  | 4,600  | 62.2 | 162.2                                                                                   | 6,300                                                                                   | 5,800                                                                               | 5,400  | 5,000  |    | 110                                                                                       |  |
| 115 | 57.5                                                                                    | 163.3                                                                                  | 5,300                                                                                   | 4,900                                                                             | 4,500  | 4,100  | 60.3 | 158.7                                                                                   | 5,700                                                                                   | 5,300                                                                               | 4,900  | 4,500  |    | 115                                                                                       |  |
| 120 | 55.7                                                                                    | 159.7                                                                                  | 4,700                                                                                   | 4,400                                                                             | 4,000  | 3,700  | 58.4 | 154.9                                                                                   | 5,100                                                                                   | 4,700                                                                               | 4,400  | 4,000  |    | 120                                                                                       |  |
| 125 | 53.8                                                                                    | 155.8                                                                                  | 4,200                                                                                   | 3,900                                                                             | 3,600  | 3,300  | 56.5 | 150.9                                                                                   | 4,600                                                                                   | 4,200                                                                               | 3,900  | 3,600  |    | 125                                                                                       |  |
| 130 | 51.8                                                                                    | 151.6                                                                                  | 3,800                                                                                   | 3,500                                                                             | 3,200  | 2,900  | 54.4 | 146.6                                                                                   | 4,100                                                                                   | 3,800                                                                               | 3,500  | 3,200  |    | 130                                                                                       |  |
| 135 | 49.8                                                                                    | 147.1                                                                                  | 3,400                                                                                   | 3,100                                                                             | 2,800  | 2,600  | 52.4 | 141.9                                                                                   | 3,600                                                                                   | 3,400                                                                               | 3,100  | 2,800  |    | 135                                                                                       |  |
| 140 | 47.7                                                                                    | 142.2                                                                                  | 3,000                                                                                   | 2,700                                                                             | 2,500  | 2,300  | 50.2 | 136.9                                                                                   | 3,200                                                                                   | 3,000                                                                               | 2,700  | 2,500  |    | 140                                                                                       |  |
| 145 | 45.6                                                                                    | 137.1                                                                                  | 2,600                                                                                   | 2,400                                                                             | 2,200  | 2,000  | 47.9 | 131.5                                                                                   | 2,800                                                                                   | 2,600                                                                               | 2,400  | 2,100  |    | 145                                                                                       |  |
| 150 | 43.3                                                                                    | 131.4                                                                                  | 2,300                                                                                   | 2,100                                                                             |        |        | 45.6 | 125.6                                                                                   | 2,500                                                                                   | 2,300                                                                               | 2,000  |        |    | 150                                                                                       |  |
| 155 | 41.0                                                                                    | 125.4                                                                                  | 2,000                                                                                   |                                                                                   |        |        | 43.1 | 119.2                                                                                   | 2,100                                                                                   |                                                                                     |        |        |    | 155                                                                                       |  |

# MLC100-1 S-1

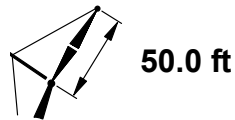
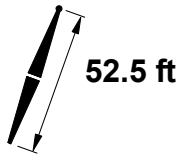


|    |  10°   |                                                                                        |                                                                                         |                                                                                               |                                                                                               |                                                                                               |                                                                                               |  30° |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                           |  |
|----|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--|
|    | <br>ft | <br>° | <br>ft |              |                                                                                               |                                                                                               |                                                                                               | <br>°  | <br>ft |              |                                                                                                 |                                                                                                 |                                                                                                 | <br>ft |  |
|    |                                                                                         |                                                                                        |                                                                                         | 0°<br><br>lb | 1°<br><br>lb | 2°<br><br>lb | 3°<br><br>lb |                                                                                         |                                                                                          | 0°<br><br>lb | 1°<br><br>lb | 2°<br><br>lb | 3°<br><br>lb |                                                                                           |  |
| 30 | 81.0                                                                                    |                                                                                        | 96.8                                                                                    | 23,200                                                                                        |                                                                                               |                                                                                               |                                                                                               |                                                                                         |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 30                                                                                        |  |
| 32 | 79.7                                                                                    |                                                                                        | 96.3                                                                                    | 22,900                                                                                        | 19,800                                                                                        |                                                                                               |                                                                                               |                                                                                         |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 32                                                                                        |  |
| 34 | 78.4                                                                                    |                                                                                        | 95.6                                                                                    | 22,600                                                                                        | 19,500                                                                                        | 16,900                                                                                        |                                                                                               |                                                                                         |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 34                                                                                        |  |
| 36 | 77.1                                                                                    |                                                                                        | 94.9                                                                                    | 22,300                                                                                        | 19,300                                                                                        | 16,700                                                                                        | 14,800                                                                                        |                                                                                         |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 36                                                                                        |  |
| 38 | 75.8                                                                                    |                                                                                        | 94.2                                                                                    | 22,000                                                                                        | 19,200                                                                                        | 16,600                                                                                        | 14,700                                                                                        |                                                                                         |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 38                                                                                        |  |
| 40 | 74.5                                                                                    |                                                                                        | 93.4                                                                                    | 21,800                                                                                        | 18,900                                                                                        | 16,500                                                                                        | 14,600                                                                                        |                                                                                         |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 40                                                                                        |  |
| 42 | 73.1                                                                                    |                                                                                        | 92.6                                                                                    | 21,500                                                                                        | 18,800                                                                                        | 16,300                                                                                        | 14,500                                                                                        |                                                                                         |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 42                                                                                        |  |
| 44 | 71.8                                                                                    |                                                                                        | 91.7                                                                                    | 21,300                                                                                        | 18,600                                                                                        | 16,200                                                                                        | 14,400                                                                                        | 80.6                                                                                    | 88.7                                                                                     | 14,300                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 | 44                                                                                        |  |
| 46 | 70.4                                                                                    |                                                                                        | 90.7                                                                                    | 21,000                                                                                        | 18,400                                                                                        | 16,000                                                                                        | 14,200                                                                                        | 79.2                                                                                    | 87.7                                                                                     | 13,900                                                                                          | 13,700                                                                                          |                                                                                                 |                                                                                                 | 46                                                                                        |  |
| 48 | 69.1                                                                                    |                                                                                        | 89.7                                                                                    | 20,800                                                                                        | 18,200                                                                                        | 15,900                                                                                        | 14,100                                                                                        | 77.7                                                                                    | 86.6                                                                                     | 13,500                                                                                          | 13,300                                                                                          | 13,100                                                                                          | 12,800                                                                                          | 48                                                                                        |  |
| 50 | 67.7                                                                                    |                                                                                        | 88.6                                                                                    | 20,600                                                                                        | 18,100                                                                                        | 15,800                                                                                        | 14,100                                                                                        | 76.3                                                                                    | 85.5                                                                                     | 13,200                                                                                          | 13,000                                                                                          | 12,700                                                                                          | 12,500                                                                                          | 50                                                                                        |  |
| 55 | 64.1                                                                                    |                                                                                        | 85.6                                                                                    | 20,000                                                                                        | 17,700                                                                                        | 15,400                                                                                        | 13,800                                                                                        | 72.6                                                                                    | 82.4                                                                                     | 12,400                                                                                          | 12,200                                                                                          | 12,000                                                                                          | 11,800                                                                                          | 55                                                                                        |  |
| 60 | 60.4                                                                                    |                                                                                        | 82.2                                                                                    | 19,600                                                                                        | 17,300                                                                                        | 15,200                                                                                        | 13,500                                                                                        | 68.7                                                                                    | 78.8                                                                                     | 11,700                                                                                          | 11,500                                                                                          | 11,300                                                                                          | 11,200                                                                                          | 60                                                                                        |  |
| 65 | 56.5                                                                                    |                                                                                        | 78.2                                                                                    | 18,300                                                                                        | 16,900                                                                                        | 15,000                                                                                        | 13,400                                                                                        | 64.6                                                                                    | 74.6                                                                                     | 11,000                                                                                          | 10,900                                                                                          | 10,800                                                                                          | 10,600                                                                                          | 65                                                                                        |  |
| 70 | 52.3                                                                                    |                                                                                        | 73.7                                                                                    | 16,500                                                                                        | 16,000                                                                                        | 14,700                                                                                        | 13,200                                                                                        | 60.2                                                                                    | 69.8                                                                                     | 10,500                                                                                          | 10,400                                                                                          | 10,300                                                                                          | 10,200                                                                                          | 70                                                                                        |  |
| 75 | 47.8                                                                                    |                                                                                        | 68.4                                                                                    | 15,100                                                                                        | 14,600                                                                                        | 14,100                                                                                        | 13,000                                                                                        | 55.4                                                                                    | 64.2                                                                                     | 10,000                                                                                          | 9,900                                                                                           | 9,800                                                                                           | 9,800                                                                                           | 75                                                                                        |  |
| 80 | 42.9                                                                                    |                                                                                        | 62.1                                                                                    | 13,800                                                                                        | 13,400                                                                                        | 13,000                                                                                        | 12,600                                                                                        | 50.1                                                                                    | 57.4                                                                                     | 9,600                                                                                           | 9,500                                                                                           | 9,500                                                                                           | 9,400                                                                                           | 80                                                                                        |  |
| 85 | 37.4                                                                                    |                                                                                        | 54.5                                                                                    | 12,600                                                                                        | 12,300                                                                                        | 12,000                                                                                        | 11,700                                                                                        | 43.9                                                                                    | 49.0                                                                                     | 9,200                                                                                           | 9,200                                                                                           | 9,200                                                                                           | 9,100                                                                                           | 85                                                                                        |  |
| 90 | 30.7                                                                                    |                                                                                        | 44.8                                                                                    | 11,600                                                                                        | 11,400                                                                                        | 11,100                                                                                        | 10,900                                                                                        | 36.1                                                                                    | 37.6                                                                                     | 9,000                                                                                           | 9,000                                                                                           | 9,000                                                                                           | 8,900                                                                                           | 90                                                                                        |  |
| 95 | 21.4                                                                                    |                                                                                        | 30.6                                                                                    | 10,700                                                                                        | 10,500                                                                                        | 10,300                                                                                        | 10,100                                                                                        |                                                                                         |                                                                                          |                                                                                                 |                                                                                                 |                                                                                                 |                                                                                                 | 95                                                                                        |  |

# MLC100-1 S-1

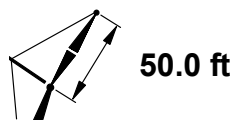
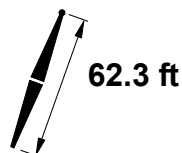


45,400 lb  
+  
0 lb



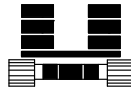
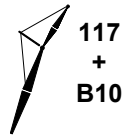
|     |      |       | 10°      |          |          |          | 30°  |      |          |          |          |          |     |
|-----|------|-------|----------|----------|----------|----------|------|------|----------|----------|----------|----------|-----|
|     |      |       |          |          |          |          |      |      |          |          |          |          |     |
| ft  | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | °    | ft   | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft  |
| 32  | 80.7 | 106.4 | 23,100   |          |          |          |      |      |          |          |          |          | 32  |
| 34  | 79.5 | 105.9 | 22,800   | 19,700   |          |          |      |      |          |          |          |          | 34  |
| 36  | 78.4 | 105.3 | 22,600   | 19,500   | 16,900   |          |      |      |          |          |          |          | 36  |
| 38  | 77.2 | 104.6 | 22,300   | 19,300   | 16,700   | 14,800   |      |      |          |          |          |          | 38  |
| 40  | 76.0 | 103.9 | 22,100   | 19,100   | 16,600   | 14,700   |      |      |          |          |          |          | 40  |
| 42  | 74.8 | 103.1 | 21,800   | 19,000   | 16,500   | 14,600   |      |      |          |          |          |          | 42  |
| 44  | 73.7 | 102.3 | 21,600   | 18,800   | 16,300   | 14,500   |      |      |          |          |          |          | 44  |
| 46  | 72.4 | 101.5 | 21,200   | 18,600   | 16,200   | 14,400   | 80.3 | 98.2 | 13,800   |          |          |          | 46  |
| 48  | 71.2 | 100.6 | 20,300   | 18,500   | 16,100   | 14,300   | 79.1 | 97.3 | 13,400   | 12,100   |          |          | 48  |
| 50  | 70.0 | 99.6  | 19,500   | 18,300   | 16,000   | 14,100   | 77.8 | 96.3 | 13,100   | 11,800   | 10,600   | 9,600    | 50  |
| 55  | 66.9 | 97.0  | 17,700   | 17,100   | 15,700   | 14,000   | 74.6 | 93.6 | 12,300   | 11,200   | 10,100   | 9,200    | 55  |
| 60  | 63.6 | 94.0  | 16,200   | 15,700   | 15,100   | 13,700   | 71.2 | 90.5 | 11,600   | 10,600   | 9,700    | 8,800    | 60  |
| 65  | 60.3 | 90.6  | 15,000   | 14,600   | 14,000   | 13,500   | 67.7 | 86.9 | 11,100   | 10,200   | 9,300    | 8,500    | 65  |
| 70  | 56.8 | 86.8  | 13,900   | 13,500   | 13,100   | 12,700   | 64.0 | 82.9 | 10,500   | 9,700    | 8,900    | 8,100    | 70  |
| 75  | 53.1 | 82.4  | 13,000   | 12,700   | 12,200   | 11,900   | 60.1 | 78.3 | 10,000   | 9,300    | 8,500    | 7,900    | 75  |
| 80  | 49.2 | 77.4  | 12,200   | 11,900   | 11,500   | 11,200   | 55.9 | 73.0 | 9,600    | 9,000    | 8,300    | 7,600    | 80  |
| 85  | 44.9 | 71.7  | 11,500   | 11,200   | 10,900   | 10,700   | 51.4 | 66.8 | 9,200    | 8,600    | 8,000    | 7,400    | 85  |
| 90  | 40.3 | 64.9  | 10,900   | 10,700   | 10,400   | 10,100   | 46.3 | 59.4 | 8,900    | 8,400    | 7,800    | 7,300    | 90  |
| 95  | 34.9 | 56.8  | 10,400   | 10,200   | 10,000   | 9,700    | 40.3 | 50.2 | 8,800    | 8,200    | 7,600    | 7,100    | 95  |
| 100 | 28.5 | 46.3  | 9,700    | 9,500    | 9,200    | 9,000    | 32.6 | 37.6 | 8,700    | 8,200    | 7,600    | 7,100    | 100 |

# MLC100-1 S-1



|     | 10°  |       |        |          |          |          |          | 30°  |       |        |          |          |          |          |
|-----|------|-------|--------|----------|----------|----------|----------|------|-------|--------|----------|----------|----------|----------|
|     |      |       |        |          |          |          |          |      |       |        |          |          |          |          |
|     | ft   | °     | ft     | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft   | °     | ft     | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb |
| 34  | 80.5 | 116.0 | 23,000 |          |          |          |          |      |       |        |          |          |          | 34       |
| 36  | 79.4 | 115.5 | 22,800 |          | 19,600   |          |          |      |       |        |          |          |          | 36       |
| 38  | 78.4 | 114.9 | 22,500 |          | 19,500   | 16,800   |          |      |       |        |          |          |          | 38       |
| 40  | 77.3 | 114.3 | 22,300 |          | 19,300   | 16,700   | 14,700   |      |       |        |          |          |          | 40       |
| 42  | 76.2 | 113.6 | 22,100 |          | 19,100   | 16,600   | 14,700   |      |       |        |          |          |          | 42       |
| 44  | 75.2 | 112.8 | 21,900 | 19,000   | 16,500   | 14,600   |          |      |       |        |          |          |          | 44       |
| 46  | 74.1 | 112.1 | 21,700 | 18,800   | 16,400   | 14,500   |          |      |       |        |          |          |          | 46       |
| 48  | 73.0 | 111.3 | 21,500 | 18,700   | 16,300   | 14,400   |          | 80.1 | 107.8 | 14,200 |          |          |          | 48       |
| 50  | 71.9 | 110.4 | 21,300 | 18,500   | 16,100   | 14,300   |          | 79.0 | 106.9 | 13,800 | 13,600   | 12,400   |          | 50       |
| 55  | 69.1 | 108.1 | 20,900 | 18,200   | 15,900   | 14,100   |          | 76.1 | 104.4 | 13,100 | 12,900   | 11,900   | 10,700   | 55       |
| 60  | 66.2 | 105.4 | 19,900 | 17,900   | 15,600   | 13,900   |          | 73.1 | 101.7 | 12,400 | 12,200   | 11,400   | 10,300   | 60       |
| 65  | 63.3 | 102.4 | 17,800 | 17,000   | 15,400   | 13,700   |          | 70.1 | 98.6  | 11,800 | 11,700   | 11,100   | 9,900    | 65       |
| 70  | 60.2 | 99.1  | 16,100 | 15,400   | 14,700   | 13,600   |          | 66.9 | 95.1  | 11,300 | 11,200   | 10,700   | 9,700    | 70       |
| 75  | 57.0 | 95.3  | 14,600 | 14,000   | 13,400   | 12,900   |          | 63.5 | 91.2  | 10,900 | 10,700   | 10,300   | 9,400    | 75       |
| 80  | 53.7 | 91.1  | 13,300 | 12,800   | 12,300   | 11,800   |          | 60.0 | 86.7  | 10,400 | 10,300   | 10,000   | 9,200    | 80       |
| 85  | 50.2 | 86.4  | 12,100 | 11,700   | 11,300   | 10,900   |          | 56.3 | 81.7  | 10,100 | 10,000   | 9,700    | 8,900    | 85       |
| 90  | 46.5 | 80.9  | 11,100 | 10,800   | 10,400   | 10,100   |          | 52.4 | 75.9  | 9,700  | 9,700    | 9,500    | 8,700    | 90       |
| 95  | 42.4 | 74.8  | 10,300 | 9,900    | 9,600    | 9,300    |          | 48.0 | 69.2  | 9,400  | 9,400    | 9,200    | 8,500    | 95       |
| 100 | 38.0 | 67.5  | 9,500  | 9,200    | 8,900    | 8,600    |          | 43.1 | 61.2  | 9,200  | 9,100    | 9,100    | 8,400    | 100      |
| 105 | 32.9 | 58.8  | 8,700  | 8,500    | 8,300    | 8,000    |          | 37.3 | 51.3  | 8,900  | 8,600    | 8,400    | 8,200    | 105      |
| 110 | 26.7 | 47.7  | 8,100  | 7,900    | 7,700    | 7,500    |          |      |       |        |          |          |          | 110      |

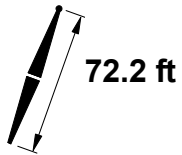
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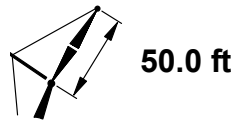
45,400 lb  
+  
0 lb



360°



72.2 ft

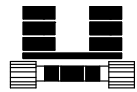
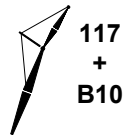


50.0 ft

|     |      |       | 10°    |        |        |        | 30°  |       |        |        |     |  |  |
|-----|------|-------|--------|--------|--------|--------|------|-------|--------|--------|-----|--|--|
|     |      |       |        |        |        |        |      |       |        |        |     |  |  |
|     |      |       |        |        |        |        |      |       |        |        |     |  |  |
|     |      |       | 0°     | 1°     | 2°     | 3°     | 0°   | 1°    | 2°     | 3°     |     |  |  |
|     |      |       | lb     | lb     | lb     | lb     | lb   | lb    | lb     | lb     |     |  |  |
| 36  | 80.3 | 125.7 | 22,800 |        |        |        |      |       |        |        | 36  |  |  |
| 38  | 79.3 | 125.1 | 22,700 | 19,500 |        |        |      |       |        |        | 38  |  |  |
| 40  | 78.4 | 124.5 | 22,500 | 19,400 | 16,800 |        |      |       |        |        | 40  |  |  |
| 42  | 77.4 | 123.9 | 22,300 | 19,300 | 16,700 | 14,700 |      |       |        |        | 42  |  |  |
| 44  | 76.4 | 123.2 | 22,100 | 19,100 | 16,500 | 14,600 |      |       |        |        | 44  |  |  |
| 46  | 75.4 | 122.6 | 21,900 | 19,000 | 16,500 | 14,500 |      |       |        |        | 46  |  |  |
| 48  | 74.4 | 121.8 | 21,700 | 18,800 | 16,400 | 14,500 |      |       |        |        | 48  |  |  |
| 50  | 73.4 | 121.0 | 21,500 | 18,700 | 16,300 | 14,400 | 80.0 | 117.3 | 14,100 | 13,800 | 50  |  |  |
| 55  | 70.9 | 118.9 | 21,200 | 18,400 | 16,000 | 14,200 | 77.4 | 115.1 | 13,400 | 13,100 | 55  |  |  |
| 60  | 68.3 | 116.5 | 19,700 | 18,100 | 15,800 | 14,000 | 74.7 | 112.7 | 12,800 | 12,500 | 60  |  |  |
| 65  | 65.7 | 113.9 | 17,600 | 16,700 | 15,600 | 13,800 | 71.9 | 109.9 | 12,200 | 12,000 | 65  |  |  |
| 70  | 62.9 | 110.9 | 15,800 | 15,100 | 14,400 | 13,700 | 69.1 | 106.8 | 11,700 | 11,500 | 70  |  |  |
| 75  | 60.1 | 107.6 | 14,300 | 13,700 | 13,100 | 12,500 | 66.2 | 103.3 | 11,200 | 11,100 | 75  |  |  |
| 80  | 57.2 | 103.9 | 13,100 | 12,500 | 12,000 | 11,500 | 63.2 | 99.5  | 10,800 | 10,700 | 80  |  |  |
| 85  | 54.2 | 99.8  | 11,900 | 11,400 | 11,000 | 10,500 | 60.0 | 95.2  | 10,400 | 10,300 | 85  |  |  |
| 90  | 51.1 | 95.2  | 10,900 | 10,500 | 10,100 | 9,700  | 56.7 | 90.3  | 10,100 | 10,000 | 90  |  |  |
| 95  | 47.7 | 90.1  | 10,000 | 9,700  | 9,300  | 9,000  | 53.1 | 84.9  | 9,800  | 9,700  | 95  |  |  |
| 100 | 44.1 | 84.3  | 9,300  | 8,900  | 8,600  | 8,300  | 49.3 | 78.7  | 9,500  | 9,200  | 100 |  |  |
| 105 | 40.3 | 77.7  | 8,500  | 8,300  | 8,000  | 7,700  | 45.1 | 71.5  | 8,800  | 8,500  | 105 |  |  |
| 110 | 36.0 | 70.0  | 7,900  | 7,600  | 7,400  | 7,200  | 40.3 | 63.0  | 8,100  | 7,800  | 110 |  |  |
| 115 | 31.1 | 60.7  | 7,300  | 7,100  | 6,900  | 6,700  | 34.7 | 52.3  | 7,400  | 7,200  | 115 |  |  |
| 120 | 25.1 | 48.9  | 6,700  | 6,600  | 6,400  | 6,200  |      |       |        |        | 120 |  |  |



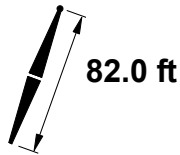
# MLC100-1 S-1



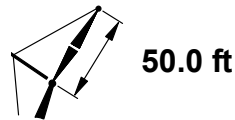
45,400 lb  
+  
0 lb



360°



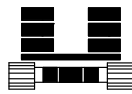
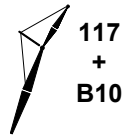
82.0 ft



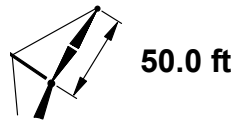
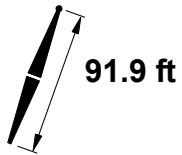
50.0 ft

|     | 10°  |       |        |          |          |          |          | 30°  |       |          |          |          |          |     |
|-----|------|-------|--------|----------|----------|----------|----------|------|-------|----------|----------|----------|----------|-----|
|     |      |       |        |          |          |          |          |      |       |          |          |          |          |     |
|     | ft   | °     | ft     | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft  |
| 38  | 80.2 | 135.3 | 22,800 |          |          |          |          |      |       |          |          |          |          | 38  |
| 40  | 79.3 | 134.7 | 22,600 |          | 19,400   |          |          |      |       |          |          |          |          | 40  |
| 42  | 78.4 | 134.2 | 22,400 |          | 19,300   | 16,700   |          |      |       |          |          |          |          | 42  |
| 44  | 77.5 | 133.6 | 22,200 |          | 19,200   | 16,600   | 14,700   |      |       |          |          |          |          | 44  |
| 46  | 76.5 | 132.9 | 22,100 |          | 19,100   | 16,500   | 14,600   |      |       |          |          |          |          | 46  |
| 48  | 75.6 | 132.2 | 21,900 |          | 18,900   | 16,400   | 14,500   |      |       |          |          |          |          | 48  |
| 50  | 74.7 | 131.5 | 21,700 |          | 18,800   | 16,300   | 14,400   | 80.8 | 127.7 | 14,300   |          |          |          | 50  |
| 55  | 72.4 | 129.6 | 21,400 |          | 18,600   | 16,100   | 14,200   | 78.4 | 125.7 | 13,600   | 13,400   | 12,500   |          | 55  |
| 60  | 70.0 | 127.4 | 19,400 |          | 18,200   | 15,900   | 14,100   | 76.0 | 123.4 | 13,000   | 12,800   | 12,500   | 10,300   | 60  |
| 65  | 67.6 | 125.0 | 17,300 |          | 16,400   | 15,500   | 13,900   | 73.5 | 120.9 | 12,500   | 12,300   | 12,100   | 10,300   | 65  |
| 70  | 65.2 | 122.3 | 15,600 |          | 14,800   | 14,000   | 13,300   | 70.9 | 118.1 | 12,000   | 11,800   | 11,600   | 10,300   | 70  |
| 75  | 62.7 | 119.3 | 14,100 |          | 13,400   | 12,700   | 12,100   | 68.3 | 115.0 | 11,500   | 11,400   | 11,200   | 10,300   | 75  |
| 80  | 60.1 | 116.0 | 12,800 |          | 12,200   | 11,600   | 11,100   | 65.6 | 111.6 | 11,100   | 11,000   | 10,800   | 10,300   | 80  |
| 85  | 57.4 | 112.4 | 11,700 |          | 11,100   | 10,600   | 10,200   | 62.8 | 107.8 | 10,700   | 10,600   | 10,500   | 10,300   | 85  |
| 90  | 54.6 | 108.4 | 10,700 |          | 10,200   | 9,800    | 9,300    | 59.9 | 103.6 | 10,400   | 10,300   | 10,200   | 9,800    | 90  |
| 95  | 51.8 | 104.0 | 9,800  | 9,400    | 9,000    | 8,600    |          | 56.9 | 99.0  | 10,100   | 9,800    | 9,400    | 9,000    | 95  |
| 100 | 48.7 | 99.1  | 9,000  | 8,600    | 8,300    | 8,000    |          | 53.7 | 93.8  | 9,300    | 9,000    | 8,600    | 8,300    | 100 |
| 105 | 45.5 | 93.6  | 8,300  | 8,000    | 7,700    | 7,400    |          | 50.3 | 87.9  | 8,600    | 8,300    | 7,900    | 7,600    | 105 |
| 110 | 42.1 | 87.4  | 7,600  | 7,400    | 7,100    | 6,800    |          | 46.6 | 81.3  | 7,900    | 7,600    | 7,300    | 7,100    | 110 |
| 115 | 38.4 | 80.4  | 7,000  | 6,800    | 6,600    | 6,300    |          | 42.5 | 73.7  | 7,200    | 7,000    | 6,700    | 6,500    | 115 |
| 120 | 34.3 | 72.3  | 6,500  | 6,300    | 6,100    | 5,900    |          | 37.9 | 64.6  | 6,600    | 6,400    | 6,200    | 6,000    | 120 |
| 125 | 29.5 | 62.5  | 6,000  | 5,800    | 5,600    | 5,400    |          | 32.4 | 53.2  | 6,100    | 5,900    | 5,700    | 5,500    | 125 |
| 130 | 23.7 | 50.1  | 5,500  | 5,400    | 5,200    | 5,000    |          |      |       |          |          |          |          | 130 |

# MLC100-1 S-1

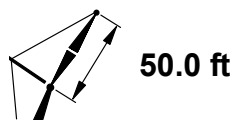
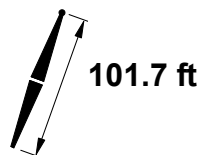
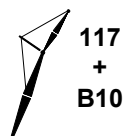


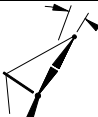
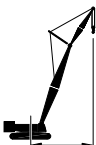
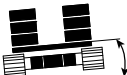
45,400 lb  
+  
0 lb



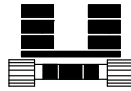
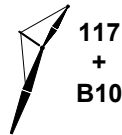
|     |      |       | 10°      |          |          |          | 30°  |       |          |          |          |          |     |
|-----|------|-------|----------|----------|----------|----------|------|-------|----------|----------|----------|----------|-----|
|     |      |       |          |          |          |          |      |       |          |          |          |          |     |
| ft  | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft  |
| 38  | 80.9 | 145.4 | 22,800   |          |          |          |      |       |          |          |          |          | 38  |
| 40  | 80.0 | 144.9 | 22,700   |          |          |          |      |       |          |          |          |          | 40  |
| 42  | 79.2 | 144.4 | 22,500   | 19,400   |          |          |      |       |          |          |          |          | 42  |
| 44  | 78.4 | 143.8 | 22,300   | 19,200   | 16,600   |          |      |       |          |          |          |          | 44  |
| 46  | 77.5 | 143.2 | 22,200   | 19,100   | 16,500   | 14,600   |      |       |          |          |          |          | 46  |
| 48  | 76.7 | 142.6 | 22,000   | 19,000   | 16,500   | 14,500   |      |       |          |          |          |          | 48  |
| 50  | 75.8 | 141.9 | 21,900   | 18,900   | 16,400   | 14,400   |      |       |          |          |          |          | 50  |
| 55  | 73.7 | 140.1 | 21,600   | 18,700   | 16,200   | 14,300   | 79.3 | 136.1 | 13,900   | 13,600   |          |          | 55  |
| 60  | 71.5 | 138.1 | 19,200   | 18,000   | 16,000   | 14,200   | 77.1 | 134.0 | 13,300   | 13,000   | 12,200   | 10,000   | 60  |
| 65  | 69.3 | 135.9 | 17,200   | 16,100   | 15,200   | 14,000   | 74.8 | 131.7 | 12,800   | 12,500   | 12,100   | 10,000   | 65  |
| 70  | 67.1 | 133.5 | 15,400   | 14,500   | 13,700   | 13,000   | 72.5 | 129.2 | 12,300   | 12,100   | 11,900   | 10,000   | 70  |
| 75  | 64.8 | 130.7 | 13,900   | 13,200   | 12,500   | 11,800   | 70.1 | 126.4 | 11,800   | 11,700   | 11,500   | 10,000   | 75  |
| 80  | 62.4 | 127.8 | 12,600   | 12,000   | 11,400   | 10,800   | 67.7 | 123.3 | 11,400   | 11,300   | 11,100   | 10,000   | 80  |
| 85  | 60.0 | 124.5 | 11,500   | 10,900   | 10,400   | 9,900    | 65.2 | 119.9 | 11,100   | 10,900   | 10,800   | 10,000   | 85  |
| 90  | 57.6 | 120.9 | 10,500   | 10,000   | 9,500    | 9,100    | 62.6 | 116.2 | 10,700   | 10,500   | 10,000   | 9,500    | 90  |
| 95  | 55.0 | 117.0 | 9,600    | 9,200    | 8,800    | 8,300    | 59.9 | 112.1 | 10,100   | 9,600    | 9,200    | 8,800    | 95  |
| 100 | 52.4 | 112.7 | 8,800    | 8,400    | 8,100    | 7,700    | 57.1 | 107.6 | 9,200    | 8,800    | 8,400    | 8,100    | 100 |
| 105 | 49.6 | 108.0 | 8,100    | 7,800    | 7,400    | 7,100    | 54.2 | 102.6 | 8,500    | 8,100    | 7,800    | 7,400    | 105 |
| 110 | 46.7 | 102.7 | 7,500    | 7,200    | 6,900    | 6,600    | 51.1 | 97.0  | 7,800    | 7,500    | 7,100    | 6,900    | 110 |
| 115 | 43.6 | 96.9  | 6,900    | 6,600    | 6,300    | 6,100    | 47.8 | 90.8  | 7,100    | 6,900    | 6,600    | 6,300    | 115 |
| 120 | 40.3 | 90.4  | 6,300    | 6,100    | 5,900    | 5,600    | 44.3 | 83.8  | 6,600    | 6,300    | 6,100    | 5,800    | 120 |
| 125 | 36.7 | 83.0  | 5,800    | 5,600    | 5,400    | 5,200    | 40.3 | 75.7  | 6,000    | 5,800    | 5,600    | 5,400    | 125 |
| 130 | 32.7 | 74.5  | 5,400    | 5,200    | 5,000    | 4,800    | 35.9 | 66.1  | 5,500    | 5,300    | 5,100    | 4,900    | 130 |
| 135 | 28.1 | 64.2  | 5,000    | 4,800    | 4,600    | 4,500    | 30.5 | 54.1  | 5,000    | 4,900    | 4,700    | 4,500    | 135 |
| 140 | 22.5 | 51.1  | 4,500    | 4,400    | 4,300    | 4,100    |      |       |          |          |          |          | 140 |

# MLC100-1 S-1

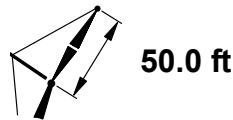
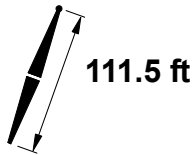


|     |  10° |                                                                                   |                                                                                   |                                                                                         |                                                                                         |                                                                                         |                                                                                         |  30° |                                                                                    |                                                                                           |                                                                                           |                                                                                           |                                                                                           |  |  |
|-----|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|
|     |      |  |  |        |                                                                                         |                                                                                         |                                                                                         |        |  |        |                                                                                           |                                                                                           |                                                                                           |  |                                                                                     |
|     |                                                                                       |                                                                                   |                                                                                   | <br>lb | <br>lb | <br>lb | <br>lb |                                                                                         |                                                                                    | <br>lb | <br>lb | <br>lb | <br>lb |  |                                                                                     |
| ft  | °                                                                                     | ft                                                                                | lb                                                                                | lb                                                                                      | lb                                                                                      | lb                                                                                      | °                                                                                       | ft                                                                                      | lb                                                                                 | lb                                                                                        | lb                                                                                        | lb                                                                                        | ft                                                                                        |  |                                                                                     |
| 40  | 80.7                                                                                  | 155.0                                                                             | 22,700                                                                            |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                    |                                                                                           |                                                                                           |                                                                                           | 40                                                                                        |  |                                                                                     |
| 42  | 79.9                                                                                  | 154.5                                                                             | 22,600                                                                            | 19,400                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                    |                                                                                           |                                                                                           |                                                                                           | 42                                                                                        |  |                                                                                     |
| 44  | 79.1                                                                                  | 154.0                                                                             | 22,400                                                                            | 19,200                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                    |                                                                                           |                                                                                           |                                                                                           | 44                                                                                        |  |                                                                                     |
| 46  | 78.3                                                                                  | 153.4                                                                             | 22,300                                                                            | 19,200                                                                                  | 16,500                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                    |                                                                                           |                                                                                           |                                                                                           | 46                                                                                        |  |                                                                                     |
| 48  | 77.6                                                                                  | 152.9                                                                             | 22,100                                                                            | 19,000                                                                                  | 16,400                                                                                  | 14,500                                                                                  |                                                                                         |                                                                                         |                                                                                    |                                                                                           |                                                                                           |                                                                                           | 48                                                                                        |  |                                                                                     |
| 50  | 76.8                                                                                  | 152.2                                                                             | 22,000                                                                            | 18,900                                                                                  | 16,400                                                                                  | 14,400                                                                                  |                                                                                         |                                                                                         |                                                                                    |                                                                                           |                                                                                           |                                                                                           | 50                                                                                        |  |                                                                                     |
| 55  | 74.8                                                                                  | 150.6                                                                             | 21,500                                                                            | 18,700                                                                                  | 16,200                                                                                  | 14,300                                                                                  | 80.0                                                                                    | 146.5                                                                                   | 14,100                                                                             |                                                                                           |                                                                                           |                                                                                           | 55                                                                                        |  |                                                                                     |
| 60  | 72.8                                                                                  | 148.7                                                                             | 19,000                                                                            | 17,700                                                                                  | 16,000                                                                                  | 14,100                                                                                  | 78.0                                                                                    | 144.5                                                                                   | 13,500                                                                             | 13,300                                                                                    | 11,800                                                                                    | 9,800                                                                                     | 60                                                                                        |  |                                                                                     |
| 65  | 70.8                                                                                  | 146.7                                                                             | 16,900                                                                            | 15,800                                                                                  | 14,800                                                                                  | 13,900                                                                                  | 75.9                                                                                    | 142.4                                                                                   | 13,000                                                                             | 12,800                                                                                    | 11,800                                                                                    | 9,800                                                                                     | 65                                                                                        |  |                                                                                     |
| 70  | 68.7                                                                                  | 144.4                                                                             | 15,200                                                                            | 14,200                                                                                  | 13,400                                                                                  | 12,600                                                                                  | 73.7                                                                                    | 140.1                                                                                   | 12,500                                                                             | 12,300                                                                                    | 11,800                                                                                    | 9,800                                                                                     | 70                                                                                        |  |                                                                                     |
| 75  | 66.6                                                                                  | 141.9                                                                             | 13,700                                                                            | 12,900                                                                                  | 12,100                                                                                  | 11,400                                                                                  | 71.6                                                                                    | 137.5                                                                                   | 12,100                                                                             | 11,900                                                                                    | 11,700                                                                                    | 9,800                                                                                     | 75                                                                                        |  |                                                                                     |
| 80  | 64.4                                                                                  | 139.2                                                                             | 12,400                                                                            | 11,700                                                                                  | 11,000                                                                                  | 10,400                                                                                  | 69.4                                                                                    | 134.7                                                                                   | 11,700                                                                             | 11,500                                                                                    | 11,400                                                                                    | 9,800                                                                                     | 80                                                                                        |  |                                                                                     |
| 85  | 62.2                                                                                  | 136.2                                                                             | 11,200                                                                            | 10,600                                                                                  | 10,100                                                                                  | 9,500                                                                                   | 67.1                                                                                    | 131.6                                                                                   | 11,300                                                                             | 11,200                                                                                    | 10,600                                                                                    | 9,800                                                                                     | 85                                                                                        |  |                                                                                     |
| 90  | 60.0                                                                                  | 133.0                                                                             | 10,300                                                                            | 9,700                                                                                   | 9,200                                                                                   | 8,700                                                                                   | 64.8                                                                                    | 128.2                                                                                   | 10,800                                                                             | 10,200                                                                                    | 9,700                                                                                     | 9,200                                                                                     | 90                                                                                        |  |                                                                                     |
| 95  | 57.7                                                                                  | 129.4                                                                             | 9,400                                                                             | 8,900                                                                                   | 8,400                                                                                   | 8,000                                                                                   | 62.4                                                                                    | 124.6                                                                                   | 9,900                                                                              | 9,400                                                                                     | 8,900                                                                                     | 8,500                                                                                     | 95                                                                                        |  |                                                                                     |
| 100 | 55.3                                                                                  | 125.6                                                                             | 8,600                                                                             | 8,200                                                                                   | 7,700                                                                                   | 7,400                                                                                   | 59.9                                                                                    | 120.5                                                                                   | 9,000                                                                              | 8,600                                                                                     | 8,200                                                                                     | 7,800                                                                                     | 100                                                                                       |  |                                                                                     |
| 105 | 52.9                                                                                  | 121.4                                                                             | 7,900                                                                             | 7,500                                                                                   | 7,100                                                                                   | 6,800                                                                                   | 57.3                                                                                    | 116.1                                                                                   | 8,300                                                                              | 7,900                                                                                     | 7,500                                                                                     | 7,100                                                                                     | 105                                                                                       |  |                                                                                     |
| 110 | 50.3                                                                                  | 116.8                                                                             | 7,200                                                                             | 6,900                                                                                   | 6,600                                                                                   | 6,200                                                                                   | 54.6                                                                                    | 111.3                                                                                   | 7,600                                                                              | 7,200                                                                                     | 6,900                                                                                     | 6,600                                                                                     | 110                                                                                       |  |                                                                                     |
| 115 | 47.6                                                                                  | 111.8                                                                             | 6,600                                                                             | 6,300                                                                                   | 6,000                                                                                   | 5,700                                                                                   | 51.8                                                                                    | 106.0                                                                                   | 6,900                                                                              | 6,600                                                                                     | 6,300                                                                                     | 6,000                                                                                     | 115                                                                                       |  |                                                                                     |
| 120 | 44.8                                                                                  | 106.2                                                                             | 6,100                                                                             | 5,800                                                                                   | 5,600                                                                                   | 5,300                                                                                   | 48.8                                                                                    | 100.2                                                                                   | 6,400                                                                              | 6,100                                                                                     | 5,800                                                                                     | 5,600                                                                                     | 120                                                                                       |  |                                                                                     |
| 125 | 41.9                                                                                  | 100.1                                                                             | 5,600                                                                             | 5,400                                                                                   | 5,100                                                                                   | 4,900                                                                                   | 45.6                                                                                    | 93.6                                                                                    | 5,800                                                                              | 5,600                                                                                     | 5,300                                                                                     | 5,100                                                                                     | 125                                                                                       |  |                                                                                     |
| 130 | 38.7                                                                                  | 93.3                                                                              | 5,100                                                                             | 4,900                                                                                   | 4,700                                                                                   | 4,500                                                                                   | 42.2                                                                                    | 86.2                                                                                    | 5,300                                                                              | 5,100                                                                                     | 4,900                                                                                     | 4,700                                                                                     | 130                                                                                       |  |                                                                                     |
| 135 | 35.2                                                                                  | 85.5                                                                              | 4,700                                                                             | 4,500                                                                                   | 4,300                                                                                   | 4,100                                                                                   | 38.4                                                                                    | 77.7                                                                                    | 4,900                                                                              | 4,700                                                                                     | 4,500                                                                                     | 4,300                                                                                     | 135                                                                                       |  |                                                                                     |
| 140 | 31.3                                                                                  | 76.5                                                                              | 4,300                                                                             | 4,100                                                                                   | 4,000                                                                                   | 3,800                                                                                   | 34.0                                                                                    | 67.5                                                                                    | 4,400                                                                              | 4,200                                                                                     | 4,100                                                                                     | 3,900                                                                                     | 140                                                                                       |  |                                                                                     |
| 145 | 26.9                                                                                  | 65.8                                                                              | 3,900                                                                             | 3,800                                                                                   | 3,600                                                                                   | 3,500                                                                                   |                                                                                         |                                                                                         |                                                                                    |                                                                                           |                                                                                           |                                                                                           | 145                                                                                       |  |                                                                                     |
| 150 | 21.4                                                                                  | 52.1                                                                              | 3,600                                                                             | 3,500                                                                                   | 3,300                                                                                   | 3,200                                                                                   |                                                                                         |                                                                                         |                                                                                    |                                                                                           |                                                                                           |                                                                                           | 150                                                                                       |  |                                                                                     |

# MLC100-1 S-1

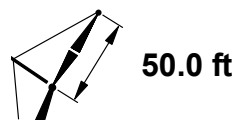
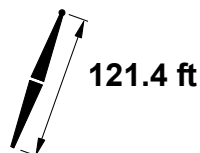


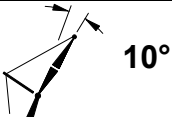
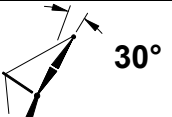
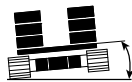
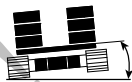
45,400 lb  
+  
0 lb



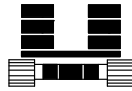
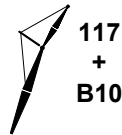
|     |      |       | 10°      |          |          |          | 30°  |       |          |          |          |          |     |
|-----|------|-------|----------|----------|----------|----------|------|-------|----------|----------|----------|----------|-----|
|     |      |       |          |          |          |          |      |       |          |          |          |          |     |
| ft  | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft  |
| 42  | 80.5 | 164.6 | 22,500   |          |          |          |      |       |          |          |          |          | 42  |
| 44  | 79.8 | 164.1 | 22,400   | 19,200   |          |          |      |       |          |          |          |          | 44  |
| 46  | 79.1 | 163.6 | 22,300   | 19,100   |          |          |      |       |          |          |          |          | 46  |
| 48  | 78.3 | 163.1 | 22,200   | 19,000   | 16,400   |          |      |       |          |          |          |          | 48  |
| 50  | 77.6 | 162.5 | 22,100   | 18,900   | 16,300   | 14,400   |      |       |          |          |          |          | 50  |
| 55  | 75.8 | 161.0 | 21,300   | 18,700   | 16,200   | 14,200   | 80.7 | 156.7 | 14,300   |          |          |          | 55  |
| 60  | 73.9 | 159.2 | 18,800   | 17,400   | 16,000   | 14,200   | 78.8 | 155.0 | 13,700   | 13,500   | 11,600   |          | 60  |
| 65  | 72.0 | 157.3 | 16,700   | 15,500   | 14,500   | 13,500   | 76.8 | 153.0 | 13,200   | 13,000   | 11,600   | 9,600    | 65  |
| 70  | 70.1 | 155.2 | 14,900   | 14,000   | 13,000   | 12,200   | 74.8 | 150.8 | 12,800   | 12,500   | 11,500   | 9,600    | 70  |
| 75  | 68.1 | 152.9 | 13,400   | 12,600   | 11,800   | 11,100   | 72.8 | 148.4 | 12,300   | 12,100   | 11,500   | 9,600    | 75  |
| 80  | 66.1 | 150.4 | 12,200   | 11,400   | 10,700   | 10,100   | 70.8 | 145.8 | 11,900   | 11,800   | 11,400   | 9,600    | 80  |
| 85  | 64.1 | 147.6 | 11,000   | 10,400   | 9,800    | 9,200    | 68.7 | 143.0 | 11,600   | 11,000   | 10,400   | 9,600    | 85  |
| 90  | 62.1 | 144.7 | 10,000   | 9,400    | 8,900    | 8,400    | 66.6 | 139.9 | 10,600   | 10,000   | 9,500    | 8,900    | 90  |
| 95  | 60.0 | 141.4 | 9,100    | 8,600    | 8,100    | 7,700    | 64.4 | 136.6 | 9,700    | 9,200    | 8,700    | 8,200    | 95  |
| 100 | 57.8 | 137.9 | 8,400    | 7,900    | 7,500    | 7,000    | 62.2 | 132.9 | 8,800    | 8,400    | 7,900    | 7,500    | 100 |
| 105 | 55.6 | 134.1 | 7,600    | 7,200    | 6,800    | 6,500    | 59.8 | 129.0 | 8,100    | 7,700    | 7,300    | 6,900    | 105 |
| 110 | 53.3 | 130.0 | 7,000    | 6,600    | 6,300    | 5,900    | 57.5 | 124.7 | 7,400    | 7,000    | 6,700    | 6,300    | 110 |
| 115 | 50.9 | 125.6 | 6,400    | 6,100    | 5,800    | 5,500    | 55.0 | 120.0 | 6,800    | 6,400    | 6,100    | 5,800    | 115 |
| 120 | 48.5 | 120.7 | 5,900    | 5,600    | 5,300    | 5,000    | 52.4 | 114.9 | 6,200    | 5,900    | 5,600    | 5,300    | 120 |
| 125 | 45.9 | 115.4 | 5,400    | 5,100    | 4,800    | 4,600    | 49.7 | 109.3 | 5,700    | 5,400    | 5,100    | 4,900    | 125 |
| 130 | 43.2 | 109.6 | 4,900    | 4,700    | 4,400    | 4,200    | 46.8 | 103.1 | 5,200    | 4,900    | 4,700    | 4,400    | 130 |
| 135 | 40.3 | 103.2 | 4,500    | 4,300    | 4,100    | 3,900    | 43.7 | 96.2  | 4,700    | 4,500    | 4,300    | 4,000    | 135 |
| 140 | 37.2 | 96.0  | 4,100    | 3,900    | 3,700    | 3,500    | 40.3 | 88.5  | 4,300    | 4,100    | 3,900    | 3,700    | 140 |
| 145 | 33.8 | 87.9  | 3,700    | 3,600    | 3,400    | 3,200    | 36.6 | 79.5  | 3,900    | 3,700    | 3,500    | 3,300    | 145 |
| 150 | 30.1 | 78.5  | 3,400    | 3,200    | 3,100    | 2,900    | 32.4 | 68.9  | 3,500    | 3,300    | 3,200    | 3,000    | 150 |
| 155 | 25.7 | 67.3  | 3,100    | 2,900    | 2,800    | 2,700    |      |       |          |          |          |          | 155 |
| 160 | 20.4 | 52.9  | 2,700    | 2,600    | 2,500    | 2,400    |      |       |          |          |          |          | 160 |

# MLC100-1 S-1



|     |  10° |                                                                                   |                                                                                   |                                                                                         |                                                                                         |                                                                                         |                                                                                         |  30° |                                                                                    |                                                                                           |                                                                                           |                                                                                           |                                                                                           |                                                                                     |  |
|-----|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|     |      |  |  |        |                                                                                         |                                                                                         |                                                                                         |        |  |        |                                                                                           |                                                                                           |                                                                                           |  |  |
|     |                                                                                       |                                                                                   |                                                                                   | 0°<br> | 1°<br> | 2°<br> | 3°<br> |                                                                                         |                                                                                    | 0°<br> | 1°<br> | 2°<br> | 3°<br> |                                                                                     |  |
| ft  | °                                                                                     | ft                                                                                | lb                                                                                | lb                                                                                      | lb                                                                                      | lb                                                                                      | °                                                                                       | ft                                                                                      | lb                                                                                 | lb                                                                                        | lb                                                                                        | lb                                                                                        | ft                                                                                        |                                                                                     |  |
| 44  | 80.4                                                                                  | 174.2                                                                             | 22,400                                                                            |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                    |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 44                                                                                  |  |
| 46  | 79.7                                                                                  | 173.8                                                                             | 22,300                                                                            | 19,000                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                    |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 46                                                                                  |  |
| 48  | 79.0                                                                                  | 173.2                                                                             | 22,200                                                                            | 19,000                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                    |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 48                                                                                  |  |
| 50  | 78.3                                                                                  | 172.7                                                                             | 22,100                                                                            | 18,900                                                                                  | 16,200                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                    |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 50                                                                                  |  |
| 55  | 76.6                                                                                  | 171.3                                                                             | 21,100                                                                            | 18,700                                                                                  | 16,100                                                                                  | 14,200                                                                                  |                                                                                         |                                                                                         |                                                                                    |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 55                                                                                  |  |
| 60  | 74.9                                                                                  | 169.6                                                                             | 18,600                                                                            | 17,100                                                                                  | 15,800                                                                                  | 14,100                                                                                  | 79.5                                                                                    | 165.3                                                                                   | 13,900                                                                             | 13,600                                                                                    |                                                                                           |                                                                                           |                                                                                           | 60                                                                                  |  |
| 65  | 73.1                                                                                  | 167.9                                                                             | 16,500                                                                            | 15,200                                                                                  | 14,100                                                                                  | 13,100                                                                                  | 77.6                                                                                    | 163.5                                                                                   | 13,400                                                                             | 13,200                                                                                    | 11,300                                                                                    | 9,400                                                                                     |                                                                                           | 65                                                                                  |  |
| 70  | 71.3                                                                                  | 165.9                                                                             | 14,700                                                                            | 13,700                                                                                  | 12,700                                                                                  | 11,800                                                                                  | 75.8                                                                                    | 161.4                                                                                   | 13,000                                                                             | 12,700                                                                                    | 11,300                                                                                    | 9,400                                                                                     |                                                                                           | 70                                                                                  |  |
| 75  | 69.5                                                                                  | 163.7                                                                             | 13,200                                                                            | 12,300                                                                                  | 11,500                                                                                  | 10,700                                                                                  | 73.9                                                                                    | 159.2                                                                                   | 12,600                                                                             | 12,400                                                                                    | 11,300                                                                                    | 9,400                                                                                     |                                                                                           | 75                                                                                  |  |
| 80  | 67.6                                                                                  | 161.4                                                                             | 11,900                                                                            | 11,100                                                                                  | 10,400                                                                                  | 9,700                                                                                   | 72.0                                                                                    | 156.8                                                                                   | 12,200                                                                             | 11,900                                                                                    | 11,100                                                                                    | 9,400                                                                                     |                                                                                           | 80                                                                                  |  |
| 85  | 65.8                                                                                  | 158.9                                                                             | 10,800                                                                            | 10,100                                                                                  | 9,400                                                                                   | 8,800                                                                                   | 70.1                                                                                    | 154.2                                                                                   | 11,500                                                                             | 10,800                                                                                    | 10,100                                                                                    | 9,400                                                                                     |                                                                                           | 85                                                                                  |  |
| 90  | 63.9                                                                                  | 156.1                                                                             | 9,800                                                                             | 9,200                                                                                   | 8,600                                                                                   | 8,000                                                                                   | 68.1                                                                                    | 151.3                                                                                   | 10,400                                                                             | 9,800                                                                                     | 9,200                                                                                     | 8,600                                                                                     |                                                                                           | 90                                                                                  |  |
| 95  | 61.9                                                                                  | 153.1                                                                             | 8,900                                                                             | 8,300                                                                                   | 7,800                                                                                   | 7,300                                                                                   | 66.1                                                                                    | 148.3                                                                                   | 9,500                                                                              | 8,900                                                                                     | 8,400                                                                                     | 7,900                                                                                     |                                                                                           | 95                                                                                  |  |
| 100 | 59.9                                                                                  | 149.9                                                                             | 8,100                                                                             | 7,600                                                                                   | 7,100                                                                                   | 6,700                                                                                   | 64.1                                                                                    | 144.9                                                                                   | 8,600                                                                              | 8,100                                                                                     | 7,700                                                                                     | 7,200                                                                                     |                                                                                           | 100                                                                                 |  |
| 105 | 57.9                                                                                  | 146.4                                                                             | 7,400                                                                             | 6,900                                                                                   | 6,500                                                                                   | 6,100                                                                                   | 62.0                                                                                    | 141.3                                                                                   | 7,900                                                                              | 7,400                                                                                     | 7,000                                                                                     | 6,600                                                                                     |                                                                                           | 105                                                                                 |  |
| 110 | 55.8                                                                                  | 142.7                                                                             | 6,700                                                                             | 6,300                                                                                   | 6,000                                                                                   | 5,600                                                                                   | 59.8                                                                                    | 137.5                                                                                   | 7,200                                                                              | 6,800                                                                                     | 6,400                                                                                     | 6,000                                                                                     |                                                                                           | 110                                                                                 |  |
| 115 | 53.7                                                                                  | 138.7                                                                             | 6,100                                                                             | 5,800                                                                                   | 5,500                                                                                   | 5,100                                                                                   | 57.6                                                                                    | 133.3                                                                                   | 6,600                                                                              | 6,200                                                                                     | 5,800                                                                                     | 5,500                                                                                     |                                                                                           | 115                                                                                 |  |
| 120 | 51.5                                                                                  | 134.3                                                                             | 5,600                                                                             | 5,300                                                                                   | 5,000                                                                                   | 4,700                                                                                   | 55.3                                                                                    | 128.7                                                                                   | 6,000                                                                              | 5,600                                                                                     | 5,300                                                                                     | 5,000                                                                                     |                                                                                           | 120                                                                                 |  |
| 125 | 49.2                                                                                  | 129.6                                                                             | 5,100                                                                             | 4,800                                                                                   | 4,500                                                                                   | 4,300                                                                                   | 52.9                                                                                    | 123.8                                                                                   | 5,400                                                                              | 5,100                                                                                     | 4,900                                                                                     | 4,600                                                                                     |                                                                                           | 125                                                                                 |  |
| 130 | 46.8                                                                                  | 124.5                                                                             | 4,700                                                                             | 4,400                                                                                   | 4,100                                                                                   | 3,900                                                                                   | 50.4                                                                                    | 118.4                                                                                   | 5,000                                                                              | 4,700                                                                                     | 4,400                                                                                     | 4,200                                                                                     |                                                                                           | 130                                                                                 |  |
| 135 | 44.3                                                                                  | 118.9                                                                             | 4,200                                                                             | 4,000                                                                                   | 3,800                                                                                   | 3,500                                                                                   | 47.7                                                                                    | 112.5                                                                                   | 4,500                                                                              | 4,200                                                                                     | 4,000                                                                                     | 3,800                                                                                     |                                                                                           | 135                                                                                 |  |
| 140 | 41.7                                                                                  | 112.8                                                                             | 3,900                                                                             | 3,600                                                                                   | 3,400                                                                                   | 3,200                                                                                   | 44.9                                                                                    | 106.0                                                                                   | 4,100                                                                              | 3,800                                                                                     | 3,600                                                                                     | 3,400                                                                                     |                                                                                           | 140                                                                                 |  |
| 145 | 38.9                                                                                  | 106.1                                                                             | 3,500                                                                             | 3,300                                                                                   | 3,100                                                                                   | 2,900                                                                                   | 41.9                                                                                    | 98.8                                                                                    | 3,700                                                                              | 3,500                                                                                     | 3,300                                                                                     | 3,100                                                                                     |                                                                                           | 145                                                                                 |  |
| 150 | 35.9                                                                                  | 98.6                                                                              | 3,100                                                                             | 3,000                                                                                   | 2,800                                                                                   | 2,600                                                                                   | 38.7                                                                                    | 90.6                                                                                    | 3,300                                                                              | 3,100                                                                                     | 2,900                                                                                     | 2,700                                                                                     |                                                                                           | 150                                                                                 |  |
| 155 | 32.6                                                                                  | 90.1                                                                              | 2,800                                                                             | 2,700                                                                                   | 2,500                                                                                   | 2,300                                                                                   | 35.0                                                                                    | 81.3                                                                                    | 2,900                                                                              | 2,800                                                                                     | 2,600                                                                                     | 2,400                                                                                     |                                                                                           | 155                                                                                 |  |
| 160 | 28.9                                                                                  | 80.4                                                                              | 2,500                                                                             | 2,400                                                                                   | 2,200                                                                                   | 2,100                                                                                   | 30.9                                                                                    | 70.2                                                                                    | 2,600                                                                              | 2,400                                                                                     | 2,300                                                                                     | 2,100                                                                                     |                                                                                           | 160                                                                                 |  |
| 165 | 24.7                                                                                  | 68.7                                                                              | 2,200                                                                             | 2,100                                                                                   | 2,000                                                                                   |                                                                                         |                                                                                         |                                                                                         |                                                                                    |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 165                                                                                 |  |

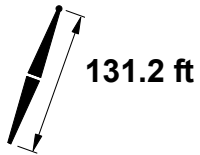
# MLC100-1 S-1



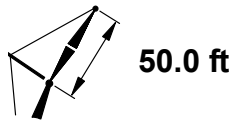
45,400 lb  
+  
0 lb



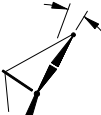
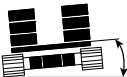
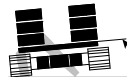
360°



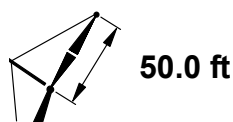
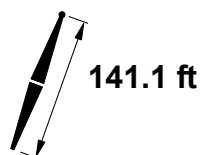
131.2 ft

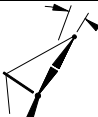
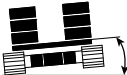
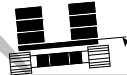


50.0 ft

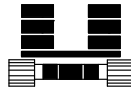
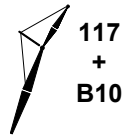
|  |  |  10° |  |  |  |  |  |  30° |  |                                                                                     |  |  |  |  |  |  |  |
|--|--|---------------------------------------------------------------------------------------|--|--|--|--|--|-----------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|--|--|--|--|--|--|
|  |  |      |  |  |  |  |  |                                                                                         |  |  |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
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# MLC100-1 S-1



|     |  10°   |                                                                                        |                                                                                         |                                                                                   |        |        |        |  30° |                                                                                          |                                                                                     |        |        |        |                                                                                           |     |
|-----|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------|--------|--------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|--------|--------|-------------------------------------------------------------------------------------------|-----|
|     | <br>ft | <br>° | <br>ft |  |        |        |        | <br>°  | <br>ft |  |        |        |        | <br>ft |     |
|     |                                                                                         |                                                                                        |                                                                                         | 0°                                                                                | 1°     | 2°     | 3°     |                                                                                         |                                                                                          | 0°                                                                                  | 1°     | 2°     | 3°     |                                                                                           |     |
|     |                                                                                         |                                                                                        |                                                                                         | lb                                                                                | lb     | lb     | lb     |                                                                                         |                                                                                          | lb                                                                                  | lb     | lb     | lb     |                                                                                           |     |
| 46  | 80.8                                                                                    | 193.9                                                                                  |                                                                                         | 22,100                                                                            |        |        |        |                                                                                         |                                                                                          | 185.8                                                                               | 14,200 |        |        |                                                                                           | 46  |
| 48  | 80.2                                                                                    | 193.5                                                                                  |                                                                                         | 22,000                                                                            |        |        |        |                                                                                         |                                                                                          | 184.2                                                                               | 13,800 |        |        |                                                                                           | 48  |
| 50  | 79.6                                                                                    | 193.0                                                                                  |                                                                                         | 22,000                                                                            | 18,700 |        |        |                                                                                         |                                                                                          | 182.4                                                                               | 13,300 | 13,500 |        |                                                                                           | 50  |
| 55  | 78.0                                                                                    | 191.7                                                                                  |                                                                                         | 20,600                                                                            | 18,600 | 16,000 |        |                                                                                         |                                                                                          | 180.4                                                                               | 13,000 | 12,700 | 10,900 | 9,100                                                                                     | 55  |
| 60  | 76.5                                                                                    | 190.3                                                                                  |                                                                                         | 18,100                                                                            | 16,500 | 15,100 | 13,800 | 80.6                                                                                    |                                                                                          | 176.0                                                                               | 11,100 | 11,500 | 10,600 | 9,100                                                                                     | 60  |
| 65  | 74.9                                                                                    | 188.7                                                                                  |                                                                                         | 16,000                                                                            | 14,700 | 13,400 | 12,300 | 79.0                                                                                    |                                                                                          | 184.2                                                                               | 13,800 | 13,500 |        |                                                                                           | 65  |
| 70  | 73.3                                                                                    | 187.0                                                                                  |                                                                                         | 14,300                                                                            | 13,100 | 12,100 | 11,100 | 77.4                                                                                    |                                                                                          | 182.4                                                                               | 13,300 | 13,100 | 10,900 | 9,100                                                                                     | 70  |
| 75  | 71.7                                                                                    | 185.1                                                                                  |                                                                                         | 12,800                                                                            | 11,800 | 10,800 | 10,000 | 75.7                                                                                    |                                                                                          | 180.4                                                                               | 13,000 | 12,700 | 10,800 | 9,100                                                                                     | 75  |
| 80  | 70.1                                                                                    | 183.0                                                                                  |                                                                                         | 11,500                                                                            | 10,600 | 9,800  | 9,000  | 74.1                                                                                    |                                                                                          | 178.3                                                                               | 12,400 | 11,500 | 10,600 | 9,100                                                                                     | 80  |
| 85  | 68.5                                                                                    | 180.8                                                                                  |                                                                                         | 10,300                                                                            | 9,600  | 8,800  | 8,200  | 72.4                                                                                    |                                                                                          | 176.0                                                                               | 11,100 | 10,300 | 9,600  | 8,900                                                                                     | 85  |
| 90  | 66.8                                                                                    | 178.4                                                                                  |                                                                                         | 9,300                                                                             | 8,600  | 8,000  | 7,400  | 70.7                                                                                    |                                                                                          | 173.6                                                                               | 10,100 | 9,400  | 8,700  | 8,100                                                                                     | 90  |
| 95  | 65.1                                                                                    | 175.8                                                                                  |                                                                                         | 8,400                                                                             | 7,800  | 7,300  | 6,700  | 69.0                                                                                    |                                                                                          | 170.9                                                                               | 9,100  | 8,500  | 7,900  | 7,400                                                                                     | 95  |
| 100 | 63.4                                                                                    | 173.0                                                                                  |                                                                                         | 7,600                                                                             | 7,100  | 6,600  | 6,100  | 67.2                                                                                    |                                                                                          | 168.1                                                                               | 8,300  | 7,700  | 7,200  | 6,700                                                                                     | 100 |
| 105 | 61.7                                                                                    | 170.0                                                                                  |                                                                                         | 6,900                                                                             | 6,400  | 6,000  | 5,500  | 65.4                                                                                    |                                                                                          | 165.0                                                                               | 7,500  | 7,000  | 6,500  | 6,100                                                                                     | 105 |
| 110 | 59.9                                                                                    | 166.9                                                                                  |                                                                                         | 6,300                                                                             | 5,800  | 5,400  | 5,000  | 63.6                                                                                    |                                                                                          | 161.7                                                                               | 6,800  | 6,400  | 5,900  | 5,500                                                                                     | 110 |
| 115 | 58.1                                                                                    | 163.4                                                                                  |                                                                                         | 5,700                                                                             | 5,300  | 4,900  | 4,500  | 61.7                                                                                    |                                                                                          | 158.2                                                                               | 6,200  | 5,800  | 5,400  | 5,000                                                                                     | 115 |
| 120 | 56.2                                                                                    | 159.8                                                                                  |                                                                                         | 5,200                                                                             | 4,800  | 4,400  | 4,100  | 59.8                                                                                    |                                                                                          | 154.4                                                                               | 5,600  | 5,200  | 4,900  | 4,500                                                                                     | 120 |
| 125 | 54.3                                                                                    | 155.9                                                                                  |                                                                                         | 4,700                                                                             | 4,300  | 4,000  | 3,700  | 57.8                                                                                    |                                                                                          | 150.3                                                                               | 5,100  | 4,700  | 4,400  | 4,100                                                                                     | 125 |
| 130 | 52.4                                                                                    | 151.7                                                                                  |                                                                                         | 4,200                                                                             | 3,900  | 3,600  | 3,300  | 55.8                                                                                    |                                                                                          | 146.0                                                                               | 4,600  | 4,300  | 4,000  | 3,700                                                                                     | 130 |
| 135 | 50.4                                                                                    | 147.2                                                                                  |                                                                                         | 3,800                                                                             | 3,500  | 3,300  | 3,000  | 53.7                                                                                    |                                                                                          | 141.3                                                                               | 4,100  | 3,800  | 3,600  | 3,300                                                                                     | 135 |
| 140 | 48.3                                                                                    | 142.4                                                                                  |                                                                                         | 3,400                                                                             | 3,200  | 2,900  | 2,700  | 51.5                                                                                    |                                                                                          | 136.3                                                                               | 3,700  | 3,500  | 3,200  | 2,900                                                                                     | 140 |
| 145 | 46.1                                                                                    | 137.2                                                                                  |                                                                                         | 3,100                                                                             | 2,800  | 2,600  | 2,400  | 49.3                                                                                    |                                                                                          | 130.8                                                                               | 3,300  | 3,100  | 2,800  | 2,600                                                                                     | 145 |
| 150 | 43.9                                                                                    | 131.6                                                                                  |                                                                                         | 2,700                                                                             | 2,500  | 2,300  | 2,100  | 46.9                                                                                    |                                                                                          | 124.9                                                                               | 3,000  | 2,700  | 2,500  | 2,300                                                                                     | 150 |
| 155 | 41.5                                                                                    | 125.5                                                                                  |                                                                                         | 2,400                                                                             | 2,200  | 2,000  |        | 44.4                                                                                    |                                                                                          | 118.5                                                                               | 2,600  | 2,400  | 2,200  | 2,000                                                                                     | 155 |
| 160 | 39.0                                                                                    | 118.9                                                                                  |                                                                                         | 2,100                                                                             |        |        |        | 41.7                                                                                    |                                                                                          | 111.4                                                                               | 2,300  | 2,100  |        |                                                                                           | 160 |
| 165 |                                                                                         |                                                                                        |                                                                                         |                                                                                   |        |        |        | 38.9                                                                                    |                                                                                          | 103.6                                                                               | 2,000  |        |        |                                                                                           | 165 |

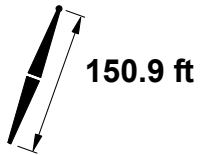
# MLC100-1 S-1



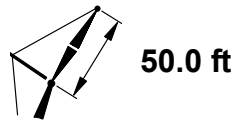
45,400 lb  
+  
0 lb



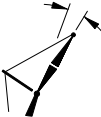
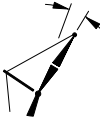
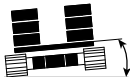
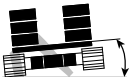
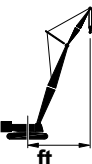
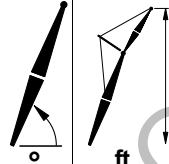
360°



150.9 ft

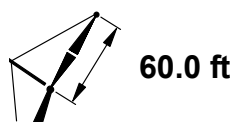


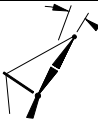
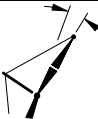
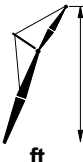
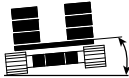
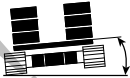
50.0 ft

|                                                                                   |      | <br>10° |        |                                                                                   |  |                                                                                   |  | <br>30° |  |                                                                                   |  |                                                                                   |       |                                                                                   |        |                                                                                    |        |                                                                                     |  |                                                                                     |  |                                                                                     |  |                                                                                     |  |     |  |
|-----------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|-----|--|
|                                                                                   |      |         |        |                                                                                   |  |                                                                                   |  |         |  |                                                                                   |  |                                                                                   |       |                                                                                   |        |                                                                                    |        |                                                                                     |  |                                                                                     |  |                                                                                     |  |                                                                                     |  |     |  |
|                                                                                   |      |                                                                                          |        |                                                                                   |  |                                                                                   |  |                                                                                            |  |                                                                                   |  |                                                                                   |       |                                                                                   |        |                                                                                    |        |                                                                                     |  |                                                                                     |  |                                                                                     |  |                                                                                     |  |     |  |
|  |      |         |        |  |  |  |  |           |  |  |  |  |       |  |        |  |        |  |  |  |  |  |  |  |  |     |  |
| ft                                                                                |      | °                                                                                        |        | ft                                                                                |  | lb                                                                                |  | lb                                                                                         |  | lb                                                                                |  | lb                                                                                |       | °                                                                                 |        | ft                                                                                 |        | lb                                                                                  |  | lb                                                                                  |  | lb                                                                                  |  | lb                                                                                  |  | ft  |  |
| 48                                                                                | 80.7 | 203.6                                                                                    | 21,900 |                                                                                   |  |                                                                                   |  |                                                                                            |  |                                                                                   |  |                                                                                   |       |                                                                                   |        |                                                                                    |        |                                                                                     |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 48  |  |
| 50                                                                                | 80.1 | 203.1                                                                                    | 21,800 |                                                                                   |  |                                                                                   |  |                                                                                            |  |                                                                                   |  |                                                                                   |       |                                                                                   |        |                                                                                    |        |                                                                                     |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 50  |  |
| 55                                                                                | 78.6 | 201.9                                                                                    | 20,400 |                                                                                   |  | 18,400                                                                            |  | 15,800                                                                                     |  |                                                                                   |  |                                                                                   |       |                                                                                   |        |                                                                                    |        |                                                                                     |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 55  |  |
| 60                                                                                | 77.2 | 200.5                                                                                    | 17,900 |                                                                                   |  | 16,200                                                                            |  | 14,700                                                                                     |  | 13,000                                                                            |  |                                                                                   |       |                                                                                   |        |                                                                                    |        |                                                                                     |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 60  |  |
| 65                                                                                | 75.7 | 199.0                                                                                    | 15,800 |                                                                                   |  | 14,400                                                                            |  | 13,100                                                                                     |  | 12,000                                                                            |  |                                                                                   |       | 79.6                                                                              | 194.4  | 13,900                                                                             | 13,200 |                                                                                     |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 65  |  |
| 70                                                                                | 74.2 | 197.4                                                                                    | 14,000 |                                                                                   |  | 12,800                                                                            |  | 11,700                                                                                     |  | 10,700                                                                            |  | 78.1                                                                              | 192.8 | 13,500                                                                            | 13,100 | 10,700                                                                             |        |                                                                                     |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 70  |  |
| 75                                                                                | 72.7 | 195.6                                                                                    | 12,500 |                                                                                   |  | 11,500                                                                            |  | 10,500                                                                                     |  | 9,600                                                                             |  | 76.5                                                                              | 190.9 | 13,100                                                                            | 12,500 | 10,600                                                                             |        | 8,900                                                                               |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 75  |  |
| 80                                                                                | 71.1 | 193.6                                                                                    | 11,200 |                                                                                   |  | 10,300                                                                            |  | 9,500                                                                                      |  | 8,700                                                                             |  | 74.9                                                                              | 188.9 | 12,200                                                                            | 11,200 | 10,300                                                                             |        | 8,900                                                                               |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 80  |  |
| 85                                                                                | 69.6 | 191.5                                                                                    | 10,100 |                                                                                   |  | 9,300                                                                             |  | 8,500                                                                                      |  | 7,800                                                                             |  | 73.4                                                                              | 186.8 | 11,000                                                                            | 10,100 | 9,300                                                                              |        | 8,600                                                                               |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 85  |  |
| 90                                                                                | 68.0 | 189.3                                                                                    | 9,100  |                                                                                   |  | 8,400                                                                             |  | 7,700                                                                                      |  | 7,100                                                                             |  | 71.8                                                                              | 184.5 | 9,900                                                                             | 9,100  | 8,500                                                                              |        | 7,800                                                                               |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 90  |  |
| 95                                                                                | 66.4 | 186.9                                                                                    | 8,200  |                                                                                   |  | 7,600                                                                             |  | 7,000                                                                                      |  | 6,400                                                                             |  | 70.1                                                                              | 182.0 | 8,900                                                                             | 8,300  | 7,700                                                                              |        | 7,100                                                                               |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 95  |  |
| 100                                                                               | 64.8 | 184.3                                                                                    | 7,400  |                                                                                   |  | 6,800                                                                             |  | 6,300                                                                                      |  | 5,800                                                                             |  | 68.5                                                                              | 179.3 | 8,100                                                                             | 7,500  | 6,900                                                                              |        | 6,400                                                                               |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 100 |  |
| 105                                                                               | 63.2 | 181.5                                                                                    | 6,700  |                                                                                   |  | 6,200                                                                             |  | 5,700                                                                                      |  | 5,200                                                                             |  | 66.8                                                                              | 176.4 | 7,300                                                                             | 6,800  | 6,300                                                                              |        | 5,800                                                                               |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 105 |  |
| 110                                                                               | 61.6 | 178.5                                                                                    | 6,100  |                                                                                   |  | 5,600                                                                             |  | 5,100                                                                                      |  | 4,700                                                                             |  | 65.1                                                                              | 173.4 | 6,600                                                                             | 6,100  | 5,700                                                                              |        | 5,200                                                                               |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 110 |  |
| 115                                                                               | 59.9 | 175.3                                                                                    | 5,500  |                                                                                   |  | 5,000                                                                             |  | 4,600                                                                                      |  | 4,300                                                                             |  | 63.4                                                                              | 170.1 | 6,000                                                                             | 5,600  | 5,100                                                                              |        | 4,700                                                                               |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 115 |  |
| 120                                                                               | 58.2 | 171.9                                                                                    | 4,900  |                                                                                   |  | 4,500                                                                             |  | 4,200                                                                                      |  | 3,800                                                                             |  | 61.6                                                                              | 166.6 | 5,400                                                                             | 5,000  | 4,600                                                                              |        | 4,300                                                                               |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 120 |  |
| 125                                                                               | 56.4 | 168.3                                                                                    | 4,400  |                                                                                   |  | 4,100                                                                             |  | 3,700                                                                                      |  | 3,400                                                                             |  | 59.8                                                                              | 162.9 | 4,900                                                                             | 4,500  | 4,200                                                                              |        | 3,800                                                                               |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 125 |  |
| 130                                                                               | 54.6 | 164.5                                                                                    | 4,000  |                                                                                   |  | 3,700                                                                             |  | 3,400                                                                                      |  | 3,100                                                                             |  | 57.9                                                                              | 158.9 | 4,400                                                                             | 4,100  | 3,700                                                                              |        | 3,400                                                                               |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 130 |  |
| 135                                                                               | 52.8 | 160.4                                                                                    | 3,600  |                                                                                   |  | 3,300                                                                             |  | 3,000                                                                                      |  | 2,700                                                                             |  | 56.0                                                                              | 154.6 | 3,900                                                                             | 3,600  | 3,300                                                                              |        | 3,100                                                                               |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 135 |  |
| 140                                                                               | 50.9 | 156.0                                                                                    | 3,200  |                                                                                   |  | 2,900                                                                             |  | 2,600                                                                                      |  | 2,400                                                                             |  | 54.0                                                                              | 150.0 | 3,500                                                                             | 3,200  | 3,000                                                                              |        | 2,700                                                                               |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 140 |  |
| 145                                                                               | 48.9 | 151.3                                                                                    | 2,800  |                                                                                   |  | 2,600                                                                             |  | 2,300                                                                                      |  | 2,100                                                                             |  | 52.0                                                                              | 145.1 | 3,100                                                                             | 2,900  | 2,600                                                                              |        | 2,400                                                                               |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 145 |  |
| 150                                                                               | 46.9 | 146.2                                                                                    | 2,500  |                                                                                   |  | 2,300                                                                             |  | 2,000                                                                                      |  |                                                                                   |  | 49.9                                                                              | 139.9 | 2,800                                                                             | 2,500  | 2,300                                                                              |        | 2,100                                                                               |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 150 |  |
| 155                                                                               | 44.8 | 140.8                                                                                    | 2,200  |                                                                                   |  | 2,000                                                                             |  |                                                                                            |  |                                                                                   |  | 47.7                                                                              | 134.2 | 2,400                                                                             | 2,200  | 2,000                                                                              |        |                                                                                     |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 155 |  |
| 160                                                                               |      |                                                                                          |        |                                                                                   |  |                                                                                   |  |                                                                                            |  |                                                                                   |  | 45.4                                                                              | 128.0 | 2,100                                                                             |        |                                                                                    |        |                                                                                     |  |                                                                                     |  |                                                                                     |  |                                                                                     |  | 160 |  |

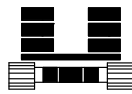
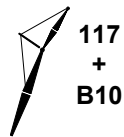


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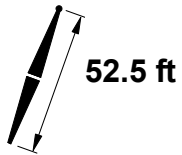


|     | <br>10° |                                                                                        |                                                                                         |                                                                                   |        |        | <br>30° |                                                                                        |                                                                                          |                                                                                     |        |        |     |    |
|-----|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------|--------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|--------|-----|----|
|     | <br>ft  | <br>° | <br>ft |  |        |        |                                                                                            | <br>° | <br>ft |  |        |        |     |    |
|     |                                                                                          |                                                                                        |                                                                                         | 0°                                                                                | 1°     | 2°     | 3°                                                                                         |                                                                                        |                                                                                          | 0°                                                                                  | 1°     | 2°     |     | 3° |
|     |                                                                                          |                                                                                        |                                                                                         | lb                                                                                | lb     | lb     | lb                                                                                         |                                                                                        |                                                                                          | lb                                                                                  | lb     | lb     |     | lb |
| 34  | 80.0                                                                                     | 106.2                                                                                  | 20,600                                                                                  | 17,400                                                                            |        |        |                                                                                            |                                                                                        |                                                                                          |                                                                                     |        |        | 34  |    |
| 36  | 78.8                                                                                     | 105.6                                                                                  | 20,300                                                                                  | 17,300                                                                            | 14,700 |        |                                                                                            |                                                                                        |                                                                                          |                                                                                     |        |        | 36  |    |
| 38  | 77.7                                                                                     | 104.9                                                                                  | 20,100                                                                                  | 17,100                                                                            | 14,600 | 12,700 |                                                                                            |                                                                                        |                                                                                          |                                                                                     |        |        | 38  |    |
| 40  | 76.5                                                                                     | 104.2                                                                                  | 19,800                                                                                  | 16,900                                                                            | 14,500 | 12,700 |                                                                                            |                                                                                        |                                                                                          |                                                                                     |        |        | 40  |    |
| 42  | 75.3                                                                                     | 103.5                                                                                  | 19,600                                                                                  | 16,800                                                                            | 14,400 | 12,500 |                                                                                            |                                                                                        |                                                                                          |                                                                                     |        |        | 42  |    |
| 44  | 74.1                                                                                     | 102.7                                                                                  | 19,400                                                                                  | 16,600                                                                            | 14,200 | 12,500 |                                                                                            |                                                                                        |                                                                                          |                                                                                     |        |        | 44  |    |
| 46  | 72.9                                                                                     | 101.8                                                                                  | 19,200                                                                                  | 16,500                                                                            | 14,100 | 12,400 |                                                                                            |                                                                                        |                                                                                          |                                                                                     |        |        | 46  |    |
| 48  | 71.7                                                                                     | 100.9                                                                                  | 19,000                                                                                  | 16,300                                                                            | 14,000 | 12,300 |                                                                                            |                                                                                        |                                                                                          |                                                                                     |        |        | 48  |    |
| 50  | 70.5                                                                                     | 100.0                                                                                  | 18,700                                                                                  | 16,200                                                                            | 13,900 | 12,200 | 80.1                                                                                       | 96.9                                                                                   | 12,800                                                                                   |                                                                                     |        |        | 50  |    |
| 55  | 67.3                                                                                     | 97.3                                                                                   | 18,200                                                                                  | 15,800                                                                            | 13,600 | 12,000 | 76.9                                                                                       | 94.2                                                                                   | 12,000                                                                                   |                                                                                     |        |        | 55  |    |
| 60  | 64.1                                                                                     | 94.4                                                                                   | 17,700                                                                                  | 15,400                                                                            | 13,400 | 11,800 | 73.6                                                                                       | 91.1                                                                                   | 11,200                                                                                   | 11,000                                                                              | 10,800 | 10,600 | 60  |    |
| 65  | 60.8                                                                                     | 91.0                                                                                   | 17,300                                                                                  | 15,100                                                                            | 13,100 | 11,600 | 70.1                                                                                       | 87.6                                                                                   | 10,600                                                                                   | 10,400                                                                              | 10,200 | 10,100 | 65  |    |
| 70  | 57.3                                                                                     | 87.2                                                                                   | 16,700                                                                                  | 14,700                                                                            | 12,900 | 11,400 | 66.4                                                                                       | 83.6                                                                                   | 10,000                                                                                   | 9,800                                                                               | 9,700  | 9,600  | 70  |    |
| 75  | 53.6                                                                                     | 82.8                                                                                   | 15,200                                                                                  | 14,500                                                                            | 12,700 | 11,200 | 62.6                                                                                       | 79.0                                                                                   | 9,500                                                                                    | 9,400                                                                               | 9,200  | 9,100  | 75  |    |
| 80  | 49.7                                                                                     | 77.9                                                                                   | 13,900                                                                                  | 13,500                                                                            | 12,500 | 11,100 | 58.5                                                                                       | 73.8                                                                                   | 9,000                                                                                    | 8,900                                                                               | 8,800  | 8,700  | 80  |    |
| 85  | 45.5                                                                                     | 72.1                                                                                   | 12,800                                                                                  | 12,400                                                                            | 12,000 | 11,000 | 54.0                                                                                       | 67.7                                                                                   | 8,600                                                                                    | 8,500                                                                               | 8,500  | 8,400  | 85  |    |
| 90  | 40.9                                                                                     | 65.4                                                                                   | 11,800                                                                                  | 11,500                                                                            | 11,200 | 10,900 | 49.0                                                                                       | 60.4                                                                                   | 8,300                                                                                    | 8,200                                                                               | 8,200  | 8,100  | 90  |    |
| 95  | 35.6                                                                                     | 57.4                                                                                   | 10,900                                                                                  | 10,600                                                                            | 10,400 | 10,100 | 43.1                                                                                       | 51.5                                                                                   | 8,000                                                                                    | 7,900                                                                               | 7,900  | 7,900  | 95  |    |
| 100 | 29.3                                                                                     | 47.1                                                                                   | 10,100                                                                                  | 9,900                                                                             | 9,700  | 9,500  | 35.7                                                                                       | 39.4                                                                                   | 7,700                                                                                    | 7,700                                                                               | 7,700  | 7,700  | 100 |    |
| 105 | 20.6                                                                                     | 32.1                                                                                   | 9,400                                                                                   | 9,200                                                                             | 9,000  | 8,900  |                                                                                            |                                                                                        |                                                                                          |                                                                                     |        |        | 105 |    |

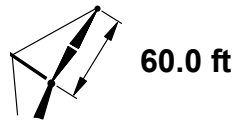
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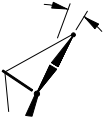
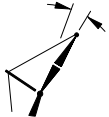
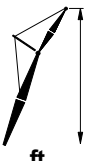
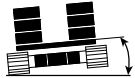
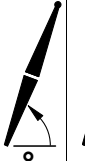
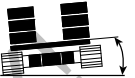
45,400 lb  
+  
0 lb



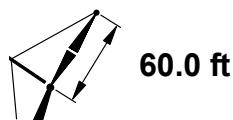
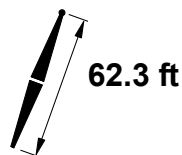
52.5 ft



60.0 ft

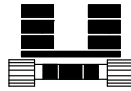
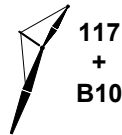
|     |  10°   |                                                                                        |                                                                                         |                                                                                               |                                                                                               |                                                                                               |  30°       |                                                                                        |                                                                                         |                                                                                                |                                                                                                 |                                                                                                 |       |                                                                                                 |
|-----|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------------------|
|     | <br>ft | <br>° | <br>ft |              |                                                                                               |                                                                                               |                                                                                               | <br>° | <br>ft |             |                                                                                                 |                                                                                                 |       |                                                                                                 |
|     |                                                                                         |                                                                                        |                                                                                         | 0°<br><br>lb | 1°<br><br>lb | 2°<br><br>lb | 3°<br><br>lb |                                                                                        |                                                                                         | 0°<br><br>lb | 1°<br><br>lb | 2°<br><br>lb |       | 3°<br><br>lb |
| 34  | 80.9                                                                                    | 116.3                                                                                  |                                                                                         | 20,700                                                                                        |                                                                                               |                                                                                               |                                                                                               |                                                                                        |                                                                                         |                                                                                                |                                                                                                 |                                                                                                 |       | 34                                                                                              |
| 36  | 79.8                                                                                    | 115.8                                                                                  |                                                                                         | 20,400                                                                                        | 17,300                                                                                        |                                                                                               |                                                                                               |                                                                                        |                                                                                         |                                                                                                |                                                                                                 |                                                                                                 |       | 36                                                                                              |
| 38  | 78.8                                                                                    | 115.2                                                                                  |                                                                                         | 20,300                                                                                        | 17,200                                                                                        | 14,700                                                                                        |                                                                                               |                                                                                        |                                                                                         |                                                                                                |                                                                                                 |                                                                                                 |       | 38                                                                                              |
| 40  | 77.7                                                                                    | 114.6                                                                                  |                                                                                         | 20,000                                                                                        | 17,000                                                                                        | 14,500                                                                                        | 12,700                                                                                        |                                                                                        |                                                                                         |                                                                                                |                                                                                                 |                                                                                                 |       | 40                                                                                              |
| 42  | 76.6                                                                                    | 113.9                                                                                  |                                                                                         | 19,800                                                                                        | 16,900                                                                                        | 14,500                                                                                        | 12,700                                                                                        |                                                                                        |                                                                                         |                                                                                                |                                                                                                 |                                                                                                 |       | 42                                                                                              |
| 44  | 75.6                                                                                    | 113.2                                                                                  |                                                                                         | 19,600                                                                                        | 16,700                                                                                        | 14,300                                                                                        | 12,500                                                                                        |                                                                                        |                                                                                         |                                                                                                |                                                                                                 |                                                                                                 |       | 44                                                                                              |
| 46  | 74.5                                                                                    | 112.4                                                                                  |                                                                                         | 19,400                                                                                        | 16,600                                                                                        | 14,300                                                                                        | 12,400                                                                                        |                                                                                        |                                                                                         |                                                                                                |                                                                                                 |                                                                                                 |       | 46                                                                                              |
| 48  | 73.4                                                                                    | 111.6                                                                                  |                                                                                         | 19,000                                                                                        | 16,500                                                                                        | 14,100                                                                                        | 12,400                                                                                        |                                                                                        |                                                                                         |                                                                                                |                                                                                                 |                                                                                                 |       | 48                                                                                              |
| 50  | 72.3                                                                                    | 110.7                                                                                  |                                                                                         | 18,200                                                                                        | 16,400                                                                                        | 14,000                                                                                        | 12,300                                                                                        |                                                                                        |                                                                                         |                                                                                                |                                                                                                 |                                                                                                 |       | 50                                                                                              |
| 55  | 69.5                                                                                    | 108.4                                                                                  |                                                                                         | 16,400                                                                                        | 16,000                                                                                        | 13,800                                                                                        | 12,100                                                                                        | 78.2                                                                                   | 105.0                                                                                   | 11,000                                                                                         | 9,900                                                                                           | 8,800                                                                                           |       | 55                                                                                              |
| 60  | 66.7                                                                                    | 105.8                                                                                  |                                                                                         | 15,000                                                                                        | 14,600                                                                                        | 13,600                                                                                        | 11,900                                                                                        | 75.2                                                                                   | 102.2                                                                                   | 10,300                                                                                         | 9,400                                                                                           | 8,400                                                                                           | 7,700 | 60                                                                                              |
| 65  | 63.7                                                                                    | 102.8                                                                                  |                                                                                         | 13,700                                                                                        | 13,400                                                                                        | 13,000                                                                                        | 11,800                                                                                        | 72.2                                                                                   | 99.1                                                                                    | 9,800                                                                                          | 8,900                                                                                           | 8,100                                                                                           | 7,400 | 65                                                                                              |
| 70  | 60.7                                                                                    | 99.5                                                                                   |                                                                                         | 12,700                                                                                        | 12,400                                                                                        | 12,100                                                                                        | 11,600                                                                                        | 69.0                                                                                   | 95.7                                                                                    | 9,200                                                                                          | 8,500                                                                                           | 7,700                                                                                           | 7,100 | 70                                                                                              |
| 75  | 57.5                                                                                    | 95.7                                                                                   |                                                                                         | 11,800                                                                                        | 11,500                                                                                        | 11,200                                                                                        | 11,000                                                                                        | 65.7                                                                                   | 91.8                                                                                    | 8,700                                                                                          | 8,100                                                                                           | 7,400                                                                                           | 6,800 | 75                                                                                              |
| 80  | 54.2                                                                                    | 91.5                                                                                   |                                                                                         | 11,000                                                                                        | 10,700                                                                                        | 10,500                                                                                        | 10,400                                                                                        | 62.3                                                                                   | 87.3                                                                                    | 8,300                                                                                          | 7,800                                                                                           | 7,100                                                                                           | 6,600 | 80                                                                                              |
| 85  | 50.7                                                                                    | 86.8                                                                                   |                                                                                         | 10,300                                                                                        | 10,100                                                                                        | 9,900                                                                                         | 9,700                                                                                         | 58.6                                                                                   | 82.3                                                                                    | 8,000                                                                                          | 7,400                                                                                           | 6,900                                                                                           | 6,400 | 85                                                                                              |
| 90  | 47.0                                                                                    | 81.4                                                                                   |                                                                                         | 9,700                                                                                         | 9,500                                                                                         | 9,400                                                                                         | 9,200                                                                                         | 54.6                                                                                   | 76.6                                                                                    | 7,700                                                                                          | 7,100                                                                                           | 6,600                                                                                           | 6,100 | 90                                                                                              |
| 95  | 43.0                                                                                    | 75.2                                                                                   |                                                                                         | 9,100                                                                                         | 9,000                                                                                         | 8,900                                                                                         | 8,700                                                                                         | 50.3                                                                                   | 70.0                                                                                    | 7,300                                                                                          | 6,900                                                                                           | 6,400                                                                                           | 5,900 | 95                                                                                              |
| 100 | 38.6                                                                                    | 68.1                                                                                   |                                                                                         | 8,700                                                                                         | 8,600                                                                                         | 8,400                                                                                         | 8,300                                                                                         | 45.5                                                                                   | 62.2                                                                                    | 7,100                                                                                          | 6,700                                                                                           | 6,200                                                                                           | 5,800 | 100                                                                                             |
| 105 | 33.5                                                                                    | 59.4                                                                                   |                                                                                         | 8,200                                                                                         | 8,100                                                                                         | 8,100                                                                                         | 8,000                                                                                         | 39.8                                                                                   | 52.4                                                                                    | 6,900                                                                                          | 6,500                                                                                           | 6,100                                                                                           | 5,700 | 105                                                                                             |
| 110 | 27.4                                                                                    | 48.5                                                                                   |                                                                                         | 8,000                                                                                         | 7,900                                                                                         | 7,800                                                                                         | 7,700                                                                                         | 32.4                                                                                   | 39.2                                                                                    | 6,900                                                                                          | 6,400                                                                                           | 6,000                                                                                           | 5,700 | 110                                                                                             |

# MLC100-1 S-1

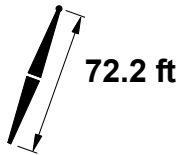


|     | 10°  |       |        |          |          |          |          | 30°  |       |          |          |          |          |     |
|-----|------|-------|--------|----------|----------|----------|----------|------|-------|----------|----------|----------|----------|-----|
|     |      |       |        |          |          |          |          |      |       |          |          |          |          |     |
|     | ft   | °     | ft     | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft  |
| 36  | 80.7 | 126.0 | 20,600 |          |          |          |          |      |       |          |          |          |          | 36  |
| 38  | 79.7 | 125.4 | 20,300 |          | 17,300   |          |          |      |       |          |          |          |          | 38  |
| 40  | 78.7 | 124.8 | 20,200 |          | 17,200   | 14,600   |          |      |       |          |          |          |          | 40  |
| 42  | 77.8 | 124.2 | 20,000 |          | 17,000   | 14,500   | 12,700   |      |       |          |          |          |          | 42  |
| 44  | 76.8 | 123.5 | 19,800 |          | 16,900   | 14,400   | 12,600   |      |       |          |          |          |          | 44  |
| 46  | 75.8 | 122.9 | 19,600 | 16,700   | 14,300   | 12,500   |          |      |       |          |          |          |          | 46  |
| 48  | 74.8 | 122.1 | 19,400 | 16,600   | 14,200   | 12,500   |          |      |       |          |          |          |          | 48  |
| 50  | 73.8 | 121.3 | 19,300 | 16,500   | 14,100   | 12,400   |          |      |       |          |          |          |          | 50  |
| 55  | 71.3 | 119.2 | 18,800 | 16,200   | 13,900   | 12,200   |          | 79.3 | 115.6 | 12,500   | 11,900   |          |          | 55  |
| 60  | 68.7 | 116.9 | 18,400 | 15,900   | 13,700   | 12,100   |          | 76.6 | 113.1 | 11,800   | 11,300   | 10,000   | 9,000    | 60  |
| 65  | 66.1 | 114.2 | 17,900 | 15,600   | 13,500   | 11,900   |          | 73.9 | 110.3 | 11,200   | 10,800   | 9,700    | 8,600    | 65  |
| 70  | 63.4 | 111.2 | 16,200 | 15,300   | 13,300   | 11,700   |          | 71.1 | 107.2 | 10,700   | 10,400   | 9,300    | 8,400    | 70  |
| 75  | 60.6 | 107.9 | 14,700 | 14,100   | 13,100   | 11,600   |          | 68.2 | 103.8 | 10,200   | 9,900    | 9,000    | 8,200    | 75  |
| 80  | 57.7 | 104.2 | 13,400 | 12,900   | 12,300   | 11,400   |          | 65.1 | 100.0 | 9,800    | 9,600    | 8,700    | 7,900    | 80  |
| 85  | 54.7 | 100.1 | 12,300 | 11,800   | 11,300   | 10,900   |          | 62.0 | 95.7  | 9,400    | 9,200    | 8,400    | 7,600    | 85  |
| 90  | 51.5 | 95.6  | 11,300 | 10,900   | 10,500   | 10,100   |          | 58.7 | 90.9  | 9,000    | 8,900    | 8,100    | 7,400    | 90  |
| 95  | 48.2 | 90.5  | 10,400 | 10,000   | 9,700    | 9,300    |          | 55.1 | 85.5  | 8,700    | 8,600    | 7,900    | 7,200    | 95  |
| 100 | 44.6 | 84.7  | 9,600  | 9,300    | 9,000    | 8,700    |          | 51.4 | 79.3  | 8,400    | 8,300    | 7,600    | 7,100    | 100 |
| 105 | 40.8 | 78.2  | 8,900  | 8,600    | 8,400    | 8,100    |          | 47.2 | 72.2  | 8,100    | 8,100    | 7,500    | 6,900    | 105 |
| 110 | 36.5 | 70.5  | 8,300  | 8,000    | 7,800    | 7,500    |          | 42.5 | 63.8  | 7,900    | 7,900    | 7,300    | 6,800    | 110 |
| 115 | 31.7 | 61.4  | 7,700  | 7,500    | 7,300    | 7,000    |          | 37.0 | 53.3  | 7,800    | 7,600    | 7,200    | 6,700    | 115 |
| 120 | 25.8 | 49.8  | 7,100  | 6,900    | 6,800    | 6,600    |          | 29.6 | 38.9  | 7,200    | 7,000    | 6,900    | 6,700    | 120 |

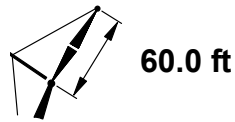
# MLC100-1 S-1



45,400 lb  
+  
0 lb



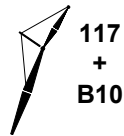
72.2 ft



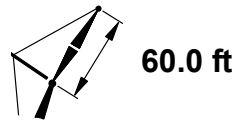
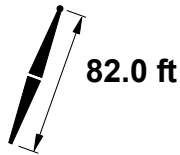
60.0 ft

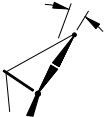
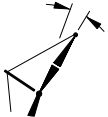
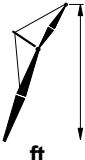
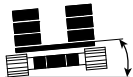
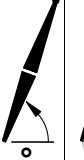
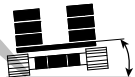
|     |      | 10°   |        |        |        |        |      | 30°   |        |        |        |       |     |
|-----|------|-------|--------|--------|--------|--------|------|-------|--------|--------|--------|-------|-----|
|     |      |       |        |        |        |        |      |       |        |        |        |       |     |
|     |      |       |        |        |        |        |      |       |        |        |        |       |     |
|     |      | 0°    | 1°     | 2°     | 3°     |        |      | 0°    | 1°     | 2°     | 3°     |       |     |
|     |      | lb    | lb     | lb     | lb     |        |      | lb    | lb     | lb     | lb     |       |     |
| 38  | 80.5 | 135.6 | 20,500 |        |        |        |      |       |        |        |        | 38    |     |
| 40  | 79.6 | 135.0 | 20,300 | 17,200 |        |        |      |       |        |        |        | 40    |     |
| 42  | 78.7 | 134.5 | 20,100 | 17,000 | 14,600 |        |      |       |        |        |        | 42    |     |
| 44  | 77.8 | 133.8 | 19,900 | 17,000 | 14,500 | 12,600 |      |       |        |        |        | 44    |     |
| 46  | 76.9 | 133.2 | 19,800 | 16,800 | 14,300 | 12,500 |      |       |        |        |        | 46    |     |
| 48  | 76.0 | 132.5 | 19,600 | 16,700 | 14,200 | 12,500 |      |       |        |        |        | 48    |     |
| 50  | 75.1 | 131.8 | 19,400 | 16,600 | 14,200 | 12,500 |      |       |        |        |        | 50    |     |
| 55  | 72.8 | 129.9 | 19,000 | 16,300 | 14,000 | 12,200 | 80.2 | 126.0 | 12,800 |        |        | 55    |     |
| 60  | 70.4 | 127.7 | 18,600 | 16,100 | 13,800 | 12,100 | 77.7 | 123.8 | 12,100 | 11,900 | 11,100 | 9,100 | 60  |
| 65  | 68.0 | 125.3 | 17,700 | 15,800 | 13,600 | 11,900 | 75.3 | 121.3 | 11,500 | 11,300 | 10,800 | 9,100 | 65  |
| 70  | 65.6 | 122.6 | 16,000 | 15,200 | 13,400 | 11,800 | 72.7 | 118.5 | 11,000 | 10,800 | 10,400 | 9,100 | 70  |
| 75  | 63.1 | 119.6 | 14,500 | 13,800 | 13,100 | 11,700 | 70.1 | 115.4 | 10,500 | 10,400 | 10,200 | 9,100 | 75  |
| 80  | 60.5 | 116.4 | 13,200 | 12,600 | 12,000 | 11,500 | 67.4 | 112.0 | 10,100 | 9,900  | 9,800  | 8,900 | 80  |
| 85  | 57.8 | 112.7 | 12,100 | 11,500 | 11,000 | 10,600 | 64.7 | 108.2 | 9,700  | 9,600  | 9,400  | 8,600 | 85  |
| 90  | 55.1 | 108.8 | 11,100 | 10,600 | 10,200 | 9,700  | 61.8 | 104.0 | 9,300  | 9,200  | 9,100  | 8,400 | 90  |
| 95  | 52.2 | 104.3 | 10,200 | 9,800  | 9,400  | 9,000  | 58.7 | 99.4  | 9,000  | 8,900  | 8,800  | 8,200 | 95  |
| 100 | 49.2 | 99.5  | 9,400  | 9,000  | 8,700  | 8,400  | 55.6 | 94.2  | 8,700  | 8,600  | 8,600  | 8,000 | 100 |
| 105 | 46.0 | 94.0  | 8,700  | 8,400  | 8,100  | 7,800  | 52.2 | 88.4  | 8,500  | 8,400  | 8,300  | 7,900 | 105 |
| 110 | 42.6 | 87.9  | 8,100  | 7,800  | 7,500  | 7,200  | 48.5 | 81.9  | 8,200  | 8,100  | 7,800  | 7,500 | 110 |
| 115 | 38.9 | 80.9  | 7,500  | 7,200  | 7,000  | 6,700  | 44.5 | 74.3  | 7,700  | 7,500  | 7,200  | 7,000 | 115 |
| 120 | 34.8 | 72.8  | 6,900  | 6,700  | 6,500  | 6,300  | 39.9 | 65.3  | 7,100  | 6,900  | 6,700  | 6,500 | 120 |
| 125 | 30.1 | 63.2  | 6,400  | 6,200  | 6,000  | 5,900  | 34.5 | 54.1  | 6,500  | 6,400  | 6,200  | 6,000 | 125 |
| 130 | 24.4 | 50.9  | 6,000  | 5,800  | 5,600  | 5,500  |      |       |        |        |        |       | 130 |

# MLC100-1 S-1

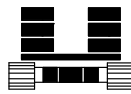
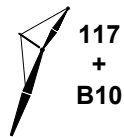


45,400 lb  
+  
0 lb



|     |  10°   |                                                                                        |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                         |  30° |                                                                                         |                                                                                           |                                                                                           |                                                                                           |                                                                                           |                                                                                           |  |
|-----|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--|
|     | <br>ft | <br>° | <br>ft |        |                                                                                         |                                                                                         |                                                                                         | <br>ft | <br>° |        |                                                                                           |                                                                                           |                                                                                           | <br>ft |  |
|     |                                                                                         |                                                                                        |                                                                                         | <br>lb | <br>lb | <br>lb | <br>lb |                                                                                         |                                                                                         | <br>lb | <br>lb | <br>lb | <br>lb |                                                                                           |  |
| 40  | 80.3                                                                                    | 145.2                                                                                  | 20,400                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 40                                                                                        |  |
| 42  | 79.5                                                                                    | 144.6                                                                                  | 20,200                                                                                  |                                                                                         | 17,100                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 42                                                                                        |  |
| 44  | 78.7                                                                                    | 144.1                                                                                  | 20,100                                                                                  |                                                                                         | 17,000                                                                                  | 14,400                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 44                                                                                        |  |
| 46  | 77.8                                                                                    | 143.5                                                                                  | 19,900                                                                                  |                                                                                         | 16,900                                                                                  | 14,400                                                                                  | 12,600                                                                                  |                                                                                         |                                                                                         |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 46                                                                                        |  |
| 48  | 77.0                                                                                    | 142.9                                                                                  | 19,700                                                                                  |                                                                                         | 16,800                                                                                  | 14,300                                                                                  | 12,500                                                                                  |                                                                                         |                                                                                         |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 48                                                                                        |  |
| 50  | 76.2                                                                                    | 142.2                                                                                  | 19,600                                                                                  | 16,700                                                                                  | 14,200                                                                                  | 12,400                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 50                                                                                        |  |
| 55  | 74.0                                                                                    | 140.4                                                                                  | 19,200                                                                                  | 16,400                                                                                  | 14,000                                                                                  | 12,300                                                                                  | 80.9                                                                                    | 136.4                                                                                   | 13,000                                                                                  |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 55                                                                                        |  |
| 60  | 71.9                                                                                    | 138.4                                                                                  | 18,800                                                                                  | 16,200                                                                                  | 13,900                                                                                  | 12,100                                                                                  | 78.7                                                                                    | 134.3                                                                                   | 12,300                                                                                  | 12,100                                                                                    | 10,700                                                                                    |                                                                                           |                                                                                           | 60                                                                                        |  |
| 65  | 69.7                                                                                    | 136.2                                                                                  | 17,500                                                                                  | 15,900                                                                                  | 13,700                                                                                  | 12,000                                                                                  | 76.4                                                                                    | 132.0                                                                                   | 11,800                                                                                  | 11,500                                                                                    | 10,700                                                                                    | 8,800                                                                                     |                                                                                           | 65                                                                                        |  |
| 70  | 67.4                                                                                    | 133.8                                                                                  | 15,700                                                                                  | 14,800                                                                                  | 13,600                                                                                  | 11,900                                                                                  | 74.1                                                                                    | 129.5                                                                                   | 11,300                                                                                  | 11,100                                                                                    | 10,700                                                                                    | 8,800                                                                                     |                                                                                           | 70                                                                                        |  |
| 75  | 65.1                                                                                    | 131.1                                                                                  | 14,200                                                                                  | 13,500                                                                                  | 12,800                                                                                  | 11,800                                                                                  | 71.7                                                                                    | 126.7                                                                                   | 10,800                                                                                  | 10,600                                                                                    | 10,500                                                                                    | 8,800                                                                                     |                                                                                           | 75                                                                                        |  |
| 80  | 62.8                                                                                    | 128.1                                                                                  | 12,900                                                                                  | 12,300                                                                                  | 11,700                                                                                  | 11,100                                                                                  | 69.3                                                                                    | 123.6                                                                                   | 10,400                                                                                  | 10,200                                                                                    | 10,100                                                                                    | 8,800                                                                                     |                                                                                           | 80                                                                                        |  |
| 85  | 60.4                                                                                    | 124.8                                                                                  | 11,800                                                                                  | 11,200                                                                                  | 10,700                                                                                  | 10,200                                                                                  | 66.8                                                                                    | 120.2                                                                                   | 10,000                                                                                  | 9,900                                                                                     | 9,700                                                                                     | 8,800                                                                                     |                                                                                           | 85                                                                                        |  |
| 90  | 57.9                                                                                    | 121.3                                                                                  | 10,800                                                                                  | 10,300                                                                                  | 9,800                                                                                   | 9,400                                                                                   | 64.2                                                                                    | 116.5                                                                                   | 9,600                                                                                   | 9,500                                                                                     | 9,400                                                                                     | 8,800                                                                                     |                                                                                           | 90                                                                                        |  |
| 95  | 55.4                                                                                    | 117.4                                                                                  | 9,900                                                                                   | 9,500                                                                                   | 9,100                                                                                   | 8,700                                                                                   | 61.6                                                                                    | 112.4                                                                                   | 9,300                                                                                   | 9,200                                                                                     | 9,100                                                                                     | 8,800                                                                                     |                                                                                           | 95                                                                                        |  |
| 100 | 52.7                                                                                    | 113.1                                                                                  | 9,100                                                                                   | 8,800                                                                                   | 8,400                                                                                   | 8,000                                                                                   | 58.8                                                                                    | 107.9                                                                                   | 9,000                                                                                   | 8,900                                                                                     | 8,800                                                                                     | 8,400                                                                                     |                                                                                           | 100                                                                                       |  |
| 105 | 50.0                                                                                    | 108.3                                                                                  | 8,400                                                                                   | 8,100                                                                                   | 7,700                                                                                   | 7,400                                                                                   | 55.9                                                                                    | 102.9                                                                                   | 8,700                                                                                   | 8,500                                                                                     | 8,100                                                                                     | 7,800                                                                                     |                                                                                           | 105                                                                                       |  |
| 110 | 47.1                                                                                    | 103.1                                                                                  | 7,800                                                                                   | 7,500                                                                                   | 7,200                                                                                   | 6,900                                                                                   | 52.8                                                                                    | 97.4                                                                                    | 8,100                                                                                   | 7,800                                                                                     | 7,500                                                                                     | 7,200                                                                                     |                                                                                           | 110                                                                                       |  |
| 115 | 44.0                                                                                    | 97.4                                                                                   | 7,200                                                                                   | 6,900                                                                                   | 6,700                                                                                   | 6,400                                                                                   | 49.6                                                                                    | 91.3                                                                                    | 7,500                                                                                   | 7,200                                                                                     | 7,000                                                                                     | 6,700                                                                                     |                                                                                           | 115                                                                                       |  |
| 120 | 40.7                                                                                    | 90.9                                                                                   | 6,700                                                                                   | 6,400                                                                                   | 6,200                                                                                   | 5,900                                                                                   | 46.0                                                                                    | 84.3                                                                                    | 6,900                                                                                   | 6,700                                                                                     | 6,400                                                                                     | 6,200                                                                                     |                                                                                           | 120                                                                                       |  |
| 125 | 37.2                                                                                    | 83.5                                                                                   | 6,200                                                                                   | 5,900                                                                                   | 5,700                                                                                   | 5,500                                                                                   | 42.1                                                                                    | 76.2                                                                                    | 6,400                                                                                   | 6,200                                                                                     | 5,900                                                                                     | 5,700                                                                                     |                                                                                           | 125                                                                                       |  |
| 130 | 33.2                                                                                    | 75.0                                                                                   | 5,700                                                                                   | 5,500                                                                                   | 5,300                                                                                   | 5,100                                                                                   | 37.7                                                                                    | 66.7                                                                                    | 5,900                                                                                   | 5,700                                                                                     | 5,500                                                                                     | 5,300                                                                                     |                                                                                           | 130                                                                                       |  |
| 135 | 28.7                                                                                    | 64.9                                                                                   | 5,300                                                                                   | 5,100                                                                                   | 4,900                                                                                   | 4,800                                                                                   | 32.3                                                                                    | 54.8                                                                                    | 5,400                                                                                   | 5,200                                                                                     | 5,100                                                                                     | 4,900                                                                                     |                                                                                           | 135                                                                                       |  |
| 140 | 23.1                                                                                    | 52.0                                                                                   | 4,900                                                                                   | 4,700                                                                                   | 4,600                                                                                   | 4,400                                                                                   |                                                                                         |                                                                                         |                                                                                         |                                                                                           |                                                                                           |                                                                                           |                                                                                           | 140                                                                                       |  |

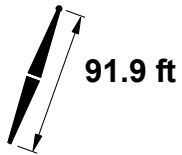
# MLC100-1 S-1



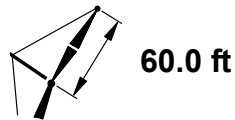
45,400 lb  
+  
0 lb



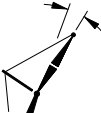
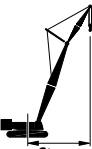
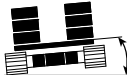
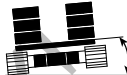
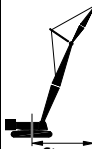
360°



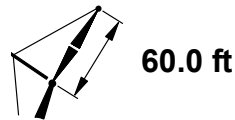
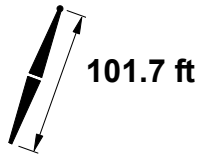
91.9 ft

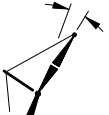
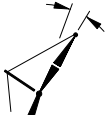
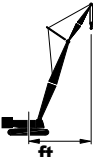
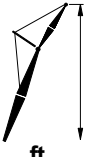
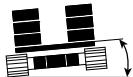
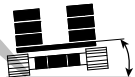


60.0 ft

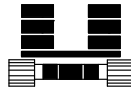
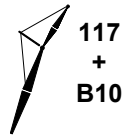
|     |  10° |                                                                                   |                                                                                   |                                                                                   |        |        |      |  30° |                                                                                   |                                                                                     |        |       |    |                                                                                     |  |
|-----|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------|--------|------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|-------|----|-------------------------------------------------------------------------------------|--|
|     |      |  |  |  |        |        |      |        |  |  |        |       |    |  |  |
|     |                                                                                       |                                                                                   |                                                                                   | 0°                                                                                | 1°     | 2°     | 3°   |                                                                                         |                                                                                   | 0°                                                                                  | 1°     | 2°    | 3° |                                                                                     |  |
|     |                                                                                       |                                                                                   |                                                                                   | lb                                                                                | lb     | lb     | lb   |                                                                                         |                                                                                   | lb                                                                                  | lb     | lb    | lb |                                                                                     |  |
| 40  | 81.0                                                                                  | 155.3                                                                             | 20,300                                                                            |                                                                                   |        |        |      |                                                                                         |                                                                                   |                                                                                     |        |       |    | 40                                                                                  |  |
| 42  | 80.2                                                                                  | 154.8                                                                             | 20,200                                                                            |                                                                                   |        |        |      |                                                                                         |                                                                                   |                                                                                     |        |       |    | 42                                                                                  |  |
| 44  | 79.4                                                                                  | 154.3                                                                             | 20,100                                                                            | 17,000                                                                            |        |        |      |                                                                                         |                                                                                   |                                                                                     |        |       |    | 44                                                                                  |  |
| 46  | 78.6                                                                                  | 153.7                                                                             | 19,900                                                                            | 16,900                                                                            | 14,400 |        |      |                                                                                         |                                                                                   |                                                                                     |        |       |    | 46                                                                                  |  |
| 48  | 77.9                                                                                  | 153.1                                                                             | 19,800                                                                            | 16,800                                                                            | 14,300 | 12,500 |      |                                                                                         |                                                                                   |                                                                                     |        |       |    | 48                                                                                  |  |
| 50  | 77.1                                                                                  | 152.5                                                                             | 19,700                                                                            | 16,700                                                                            | 14,300 | 12,400 |      |                                                                                         |                                                                                   |                                                                                     |        |       |    | 50                                                                                  |  |
| 55  | 75.1                                                                                  | 150.9                                                                             | 19,300                                                                            | 16,500                                                                            | 14,100 | 12,300 |      |                                                                                         |                                                                                   |                                                                                     |        |       |    | 55                                                                                  |  |
| 60  | 73.1                                                                                  | 149.0                                                                             | 19,000                                                                            | 16,200                                                                            | 13,900 | 12,200 | 79.5 | 144.8                                                                                   | 12,500                                                                            | 12,300                                                                              |        |       |    | 60                                                                                  |  |
| 65  | 71.1                                                                                  | 147.0                                                                             | 17,300                                                                            | 16,000                                                                            | 13,800 | 12,000 | 77.4 | 142.7                                                                                   | 12,000                                                                            | 11,800                                                                              | 10,400 | 8,600 |    | 65                                                                                  |  |
| 70  | 69.0                                                                                  | 144.7                                                                             | 15,500                                                                            | 14,600                                                                            | 13,600 | 11,900 | 75.3 | 140.3                                                                                   | 11,500                                                                            | 11,300                                                                              | 10,400 | 8,600 |    | 70                                                                                  |  |
| 75  | 66.9                                                                                  | 142.2                                                                             | 14,000                                                                            | 13,200                                                                            | 12,500 | 11,800 | 73.1 | 137.7                                                                                   | 11,100                                                                            | 10,900                                                                              | 10,300 | 8,600 |    | 75                                                                                  |  |
| 80  | 64.8                                                                                  | 139.5                                                                             | 12,800                                                                            | 12,100                                                                            | 11,400 | 10,800 | 70.9 | 134.9                                                                                   | 10,600                                                                            | 10,500                                                                              | 10,300 | 8,600 |    | 80                                                                                  |  |
| 85  | 62.6                                                                                  | 136.5                                                                             | 11,600                                                                            | 11,000                                                                            | 10,400 | 9,900  | 68.6 | 131.8                                                                                   | 10,300                                                                            | 10,100                                                                              | 10,000 | 8,600 |    | 85                                                                                  |  |
| 90  | 60.3                                                                                  | 133.3                                                                             | 10,600                                                                            | 10,100                                                                            | 9,600  | 9,100  | 66.3 | 128.5                                                                                   | 9,900                                                                             | 9,800                                                                               | 9,600  | 8,600 |    | 90                                                                                  |  |
| 95  | 58.0                                                                                  | 129.8                                                                             | 9,800                                                                             | 9,300                                                                             | 8,800  | 8,400  | 63.9 | 124.8                                                                                   | 9,600                                                                             | 9,500                                                                               | 9,300  | 8,600 |    | 95                                                                                  |  |
| 100 | 55.7                                                                                  | 125.9                                                                             | 9,000                                                                             | 8,500                                                                             | 8,100  | 7,700  | 61.4 | 120.8                                                                                   | 9,300                                                                             | 9,000                                                                               | 8,600  | 8,200 |    | 100                                                                                 |  |
| 105 | 53.2                                                                                  | 121.7                                                                             | 8,300                                                                             | 7,900                                                                             | 7,500  | 7,200  | 58.9 | 116.4                                                                                   | 8,700                                                                             | 8,300                                                                               | 8,000  | 7,600 |    | 105                                                                                 |  |
| 110 | 50.7                                                                                  | 117.2                                                                             | 7,600                                                                             | 7,300                                                                             | 6,900  | 6,600  | 56.2 | 111.6                                                                                   | 8,000                                                                             | 7,700                                                                               | 7,300  | 7,000 |    | 110                                                                                 |  |
| 115 | 48.0                                                                                  | 112.2                                                                             | 7,000                                                                             | 6,700                                                                             | 6,400  | 6,100  | 53.4 | 106.3                                                                                   | 7,400                                                                             | 7,100                                                                               | 6,800  | 6,500 |    | 115                                                                                 |  |
| 120 | 45.2                                                                                  | 106.7                                                                             | 6,500                                                                             | 6,200                                                                             | 6,000  | 5,700  | 50.4 | 100.5                                                                                   | 6,800                                                                             | 6,500                                                                               | 6,300  | 6,000 |    | 120                                                                                 |  |
| 125 | 42.3                                                                                  | 100.6                                                                             | 6,000                                                                             | 5,800                                                                             | 5,500  | 5,300  | 47.2 | 94.0                                                                                    | 6,300                                                                             | 6,000                                                                               | 5,800  | 5,600 |    | 125                                                                                 |  |
| 130 | 39.1                                                                                  | 93.7                                                                              | 5,500                                                                             | 5,300                                                                             | 5,100  | 4,900  | 43.8 | 86.6                                                                                    | 5,800                                                                             | 5,600                                                                               | 5,300  | 5,100 |    | 130                                                                                 |  |
| 135 | 35.6                                                                                  | 86.0                                                                              | 5,100                                                                             | 4,900                                                                             | 4,700  | 4,500  | 40.0 | 78.1                                                                                    | 5,300                                                                             | 5,100                                                                               | 4,900  | 4,700 |    | 135                                                                                 |  |
| 140 | 31.8                                                                                  | 77.1                                                                              | 4,700                                                                             | 4,600                                                                             | 4,400  | 4,200  | 35.7 | 68.1                                                                                    | 4,900                                                                             | 4,700                                                                               | 4,500  | 4,400 |    | 140                                                                                 |  |
| 145 | 27.4                                                                                  | 66.5                                                                              | 4,400                                                                             | 4,200                                                                             | 4,100  | 3,900  | 30.4 | 55.5                                                                                    | 4,400                                                                             | 4,300                                                                               | 4,100  | 4,000 |    | 145                                                                                 |  |
| 150 | 22.0                                                                                  | 53.0                                                                              | 4,000                                                                             | 3,900                                                                             | 3,700  | 3,600  |      |                                                                                         |                                                                                   |                                                                                     |        |       |    | 150                                                                                 |  |

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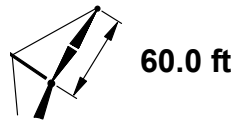
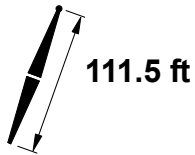


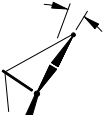
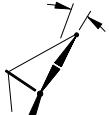
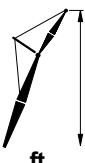
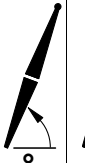
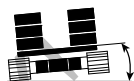
|     |  10° |                                                                                     |                                                                                      |                                                                                            |                                                                                            |                                                                                            |                                                                                            |  30° |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              |                                                                                        |  |
|-----|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--|
|     |  ft  |  ° |  ft |           |                                                                                            |                                                                                            |                                                                                            |  °     |  ft |           |                                                                                              |                                                                                              |                                                                                              |  ft |  |
|     |                                                                                       |                                                                                     |                                                                                      |  0°<br>lb |  1°<br>lb |  2°<br>lb |  3°<br>lb |                                                                                         |                                                                                       |  0°<br>lb |  1°<br>lb |  2°<br>lb |  3°<br>lb |                                                                                        |  |
| 42  | 80.8                                                                                  | 164.9                                                                               | 20,200                                                                               |                                                                                            |                                                                                            |                                                                                            |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 42                                                                                     |  |
| 44  | 80.1                                                                                  | 164.4                                                                               | 20,100                                                                               |                                                                                            |                                                                                            |                                                                                            |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 44                                                                                     |  |
| 46  | 79.4                                                                                  | 163.9                                                                               | 20,000                                                                               | 16,900                                                                                     |                                                                                            |                                                                                            |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 46                                                                                     |  |
| 48  | 78.6                                                                                  | 163.3                                                                               | 19,800                                                                               | 16,800                                                                                     | 14,300                                                                                     |                                                                                            |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 48                                                                                     |  |
| 50  | 77.9                                                                                  | 162.8                                                                               | 19,700                                                                               | 16,700                                                                                     | 14,200                                                                                     | 12,400                                                                                     |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 50                                                                                     |  |
| 55  | 76.0                                                                                  | 161.2                                                                               | 19,400                                                                               | 16,500                                                                                     | 14,000                                                                                     | 12,300                                                                                     |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 55                                                                                     |  |
| 60  | 74.2                                                                                  | 159.5                                                                               | 19,100                                                                               | 16,300                                                                                     | 13,900                                                                                     | 12,100                                                                                     | 80.2                                                                                       | 155.1                                                                                   | 12,700                                                                                |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 60                                                                                     |  |
| 65  | 72.3                                                                                  | 157.6                                                                               | 17,100                                                                               | 15,900                                                                                     | 13,800                                                                                     | 12,100                                                                                     | 78.2                                                                                       | 153.2                                                                                   | 12,200                                                                                | 12,000                                                                                       | 10,100                                                                                       |                                                                                              |                                                                                              | 65                                                                                     |  |
| 70  | 70.4                                                                                  | 155.5                                                                               | 15,300                                                                               | 14,300                                                                                     | 13,400                                                                                     | 11,900                                                                                     | 76.3                                                                                       | 151.0                                                                                   | 11,700                                                                                | 11,500                                                                                       | 10,100                                                                                       | 8,400                                                                                        |                                                                                              | 70                                                                                     |  |
| 75  | 68.4                                                                                  | 153.2                                                                               | 13,800                                                                               | 12,900                                                                                     | 12,200                                                                                     | 11,400                                                                                     | 74.3                                                                                       | 148.6                                                                                   | 11,300                                                                                | 11,100                                                                                       | 10,100                                                                                       | 8,300                                                                                        |                                                                                              | 75                                                                                     |  |
| 80  | 66.5                                                                                  | 150.7                                                                               | 12,500                                                                               | 11,800                                                                                     | 11,100                                                                                     | 10,400                                                                                     | 72.2                                                                                       | 146.0                                                                                   | 10,900                                                                                | 10,700                                                                                       | 10,100                                                                                       | 8,300                                                                                        |                                                                                              | 80                                                                                     |  |
| 85  | 64.4                                                                                  | 148.0                                                                               | 11,400                                                                               | 10,700                                                                                     | 10,100                                                                                     | 9,500                                                                                      | 70.1                                                                                       | 143.2                                                                                   | 10,500                                                                                | 10,300                                                                                       | 10,100                                                                                       | 8,300                                                                                        |                                                                                              | 85                                                                                     |  |
| 90  | 62.4                                                                                  | 145.0                                                                               | 10,400                                                                               | 9,800                                                                                      | 9,300                                                                                      | 8,800                                                                                      | 68.0                                                                                       | 140.1                                                                                   | 10,200                                                                                | 10,000                                                                                       | 9,900                                                                                        | 8,300                                                                                        |                                                                                              | 90                                                                                     |  |
| 95  | 60.3                                                                                  | 141.8                                                                               | 9,500                                                                                | 9,000                                                                                      | 8,500                                                                                      | 8,000                                                                                      | 65.8                                                                                       | 136.8                                                                                   | 9,800                                                                                 | 9,600                                                                                        | 9,100                                                                                        | 8,300                                                                                        |                                                                                              | 95                                                                                     |  |
| 100 | 58.1                                                                                  | 138.3                                                                               | 8,700                                                                                | 8,300                                                                                      | 7,800                                                                                      | 7,400                                                                                      | 63.6                                                                                       | 133.2                                                                                   | 9,300                                                                                 | 8,800                                                                                        | 8,400                                                                                        | 7,900                                                                                        |                                                                                              | 100                                                                                    |  |
| 105 | 55.9                                                                                  | 134.5                                                                               | 8,000                                                                                | 7,600                                                                                      | 7,200                                                                                      | 6,800                                                                                      | 61.3                                                                                       | 129.2                                                                                   | 8,500                                                                                 | 8,100                                                                                        | 7,700                                                                                        | 7,300                                                                                        |                                                                                              | 105                                                                                    |  |
| 110 | 53.6                                                                                  | 130.4                                                                               | 7,400                                                                                | 7,000                                                                                      | 6,600                                                                                      | 6,300                                                                                      | 58.9                                                                                       | 124.9                                                                                   | 7,800                                                                                 | 7,400                                                                                        | 7,100                                                                                        | 6,700                                                                                        |                                                                                              | 110                                                                                    |  |
| 115 | 51.3                                                                                  | 125.9                                                                               | 6,800                                                                                | 6,400                                                                                      | 6,100                                                                                      | 5,800                                                                                      | 56.4                                                                                       | 120.3                                                                                   | 7,200                                                                                 | 6,900                                                                                        | 6,500                                                                                        | 6,200                                                                                        |                                                                                              | 115                                                                                    |  |
| 120 | 48.8                                                                                  | 121.1                                                                               | 6,200                                                                                | 5,900                                                                                      | 5,700                                                                                      | 5,400                                                                                      | 53.8                                                                                       | 115.2                                                                                   | 6,600                                                                                 | 6,300                                                                                        | 6,000                                                                                        | 5,700                                                                                        |                                                                                              | 120                                                                                    |  |
| 125 | 46.3                                                                                  | 115.8                                                                               | 5,700                                                                                | 5,500                                                                                      | 5,200                                                                                      | 5,000                                                                                      | 51.1                                                                                       | 109.6                                                                                   | 6,100                                                                                 | 5,800                                                                                        | 5,500                                                                                        | 5,300                                                                                        |                                                                                              | 125                                                                                    |  |
| 130 | 43.6                                                                                  | 110.0                                                                               | 5,300                                                                                | 5,000                                                                                      | 4,800                                                                                      | 4,600                                                                                      | 48.2                                                                                       | 103.4                                                                                   | 5,600                                                                                 | 5,300                                                                                        | 5,100                                                                                        | 4,900                                                                                        |                                                                                              | 130                                                                                    |  |
| 135 | 40.7                                                                                  | 103.6                                                                               | 4,900                                                                                | 4,700                                                                                      | 4,400                                                                                      | 4,200                                                                                      | 45.2                                                                                       | 96.5                                                                                    | 5,100                                                                                 | 4,900                                                                                        | 4,700                                                                                        | 4,500                                                                                        |                                                                                              | 135                                                                                    |  |
| 140 | 37.6                                                                                  | 96.5                                                                                | 4,500                                                                                | 4,300                                                                                      | 4,100                                                                                      | 3,900                                                                                      | 41.8                                                                                       | 88.8                                                                                    | 4,700                                                                                 | 4,500                                                                                        | 4,300                                                                                        | 4,100                                                                                        |                                                                                              | 140                                                                                    |  |
| 145 | 34.3                                                                                  | 88.4                                                                                | 4,100                                                                                | 3,900                                                                                      | 3,800                                                                                      | 3,600                                                                                      | 38.1                                                                                       | 79.9                                                                                    | 4,300                                                                                 | 4,100                                                                                        | 3,900                                                                                        | 3,800                                                                                        |                                                                                              | 145                                                                                    |  |
| 150 | 30.5                                                                                  | 79.1                                                                                | 3,800                                                                                | 3,600                                                                                      | 3,500                                                                                      | 3,300                                                                                      | 33.9                                                                                       | 69.3                                                                                    | 3,900                                                                                 | 3,700                                                                                        | 3,600                                                                                        | 3,400                                                                                        |                                                                                              | 150                                                                                    |  |
| 155 | 26.2                                                                                  | 68.0                                                                                | 3,400                                                                                | 3,300                                                                                      | 3,200                                                                                      | 3,000                                                                                      |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 155                                                                                    |  |
| 160 | 20.9                                                                                  | 53.9                                                                                | 3,100                                                                                | 3,000                                                                                      | 2,900                                                                                      | 2,800                                                                                      |                                                                                            |                                                                                         |                                                                                       |                                                                                              |                                                                                              |                                                                                              |                                                                                              | 160                                                                                    |  |

# MLC100-1 S-1



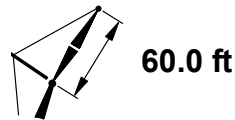
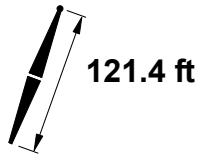
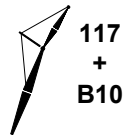
45,400 lb  
+  
0 lb



|     |  10° |                                                                                     |                                                                                      |                                                                                   |        |        |      |  30° |                                                                                     |                                                                                     |       |       |     |                                                                                        |  |
|-----|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------|--------|------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------|-------|-----|----------------------------------------------------------------------------------------|--|
|     |  ft  |  ° |  ft |  |        |        |      |  ft    |  ° |  |       |       |     |  ft |  |
|     |                                                                                       |                                                                                     |                                                                                      | 0°                                                                                | 1°     | 2°     | 3°   |                                                                                         |                                                                                     | 0°                                                                                  | 1°    | 2°    | 3°  |                                                                                        |  |
|     |                                                                                       |                                                                                     |                                                                                      | lb                                                                                | lb     | lb     | lb   |                                                                                         |                                                                                     | lb                                                                                  | lb    | lb    | lb  |                                                                                        |  |
| 44  | 80.7                                                                                  | 174.5                                                                               | 20,000                                                                               |                                                                                   |        |        |      |                                                                                         |                                                                                     |                                                                                     |       |       |     | 44                                                                                     |  |
| 46  | 80.0                                                                                  | 174.0                                                                               | 20,000                                                                               | 16,800                                                                            |        |        |      |                                                                                         |                                                                                     |                                                                                     |       |       |     | 46                                                                                     |  |
| 48  | 79.3                                                                                  | 173.5                                                                               | 19,800                                                                               | 16,800                                                                            |        |        |      |                                                                                         |                                                                                     |                                                                                     |       |       |     | 48                                                                                     |  |
| 50  | 78.6                                                                                  | 173.0                                                                               | 19,700                                                                               | 16,700                                                                            | 14,200 |        |      |                                                                                         |                                                                                     |                                                                                     |       |       |     | 50                                                                                     |  |
| 55  | 76.9                                                                                  | 171.5                                                                               | 19,500                                                                               | 16,500                                                                            | 14,100 | 12,200 |      |                                                                                         |                                                                                     |                                                                                     |       |       |     | 55                                                                                     |  |
| 60  | 75.1                                                                                  | 169.9                                                                               | 18,900                                                                               | 16,300                                                                            | 13,900 | 12,100 | 80.8 | 165.4                                                                                   | 12,900                                                                              |                                                                                     |       |       |     | 60                                                                                     |  |
| 65  | 73.4                                                                                  | 168.1                                                                               | 16,800                                                                               | 15,600                                                                            | 13,800 | 12,000 | 79.0 | 163.6                                                                                   | 12,400                                                                              | 12,100                                                                              | 9,900 |       |     | 65                                                                                     |  |
| 70  | 71.6                                                                                  | 166.2                                                                               | 15,100                                                                               | 14,000                                                                            | 13,100 | 12,000 | 77.1 | 161.6                                                                                   | 11,900                                                                              | 11,700                                                                              | 9,800 | 8,100 |     | 70                                                                                     |  |
| 75  | 69.8                                                                                  | 164.0                                                                               | 13,600                                                                               | 12,700                                                                            | 11,800 | 11,100 | 75.3 | 159.4                                                                                   | 11,500                                                                              | 11,300                                                                              | 9,800 | 8,100 |     | 75                                                                                     |  |
| 80  | 67.9                                                                                  | 161.7                                                                               | 12,300                                                                               | 11,500                                                                            | 10,800 | 10,100 | 73.4 | 156.9                                                                                   | 11,100                                                                              | 10,900                                                                              | 9,800 | 8,100 |     | 80                                                                                     |  |
| 85  | 66.1                                                                                  | 159.2                                                                               | 11,200                                                                               | 10,500                                                                            | 9,800  | 9,200  | 71.4 | 154.3                                                                                   | 10,700                                                                              | 10,600                                                                              | 9,800 | 8,100 |     | 85                                                                                     |  |
| 90  | 64.2                                                                                  | 156.4                                                                               | 10,200                                                                               | 9,500                                                                             | 9,000  | 8,400  | 69.5 | 151.5                                                                                   | 10,400                                                                              | 10,200                                                                              | 9,700 | 8,100 |     | 90                                                                                     |  |
| 95  | 62.2                                                                                  | 153.4                                                                               | 9,300                                                                                | 8,700                                                                             | 8,200  | 7,700  | 67.5 | 148.4                                                                                   | 10,000                                                                              | 9,400                                                                               | 8,900 | 8,100 |     | 95                                                                                     |  |
| 100 | 60.2                                                                                  | 150.2                                                                               | 8,500                                                                                | 8,000                                                                             | 7,500  | 7,100  | 65.4 | 145.1                                                                                   | 9,100                                                                               | 8,600                                                                               | 8,100 | 7,700 | 100 |                                                                                        |  |
| 105 | 58.2                                                                                  | 146.8                                                                               | 7,800                                                                                | 7,300                                                                             | 6,900  | 6,500  | 63.3 | 141.5                                                                                   | 8,300                                                                               | 7,900                                                                               | 7,500 | 7,100 | 105 |                                                                                        |  |
| 110 | 56.1                                                                                  | 143.0                                                                               | 7,100                                                                                | 6,700                                                                             | 6,400  | 6,000  | 61.2 | 137.6                                                                                   | 7,600                                                                               | 7,200                                                                               | 6,900 | 6,500 | 110 |                                                                                        |  |
| 115 | 54.0                                                                                  | 139.0                                                                               | 6,500                                                                                | 6,200                                                                             | 5,800  | 5,500  | 58.9 | 133.4                                                                                   | 7,000                                                                               | 6,700                                                                               | 6,300 | 6,000 | 115 |                                                                                        |  |
| 120 | 51.8                                                                                  | 134.7                                                                               | 6,000                                                                                | 5,700                                                                             | 5,400  | 5,100  | 56.6 | 128.9                                                                                   | 6,400                                                                               | 6,100                                                                               | 5,800 | 5,500 | 120 |                                                                                        |  |
| 125 | 49.5                                                                                  | 130.0                                                                               | 5,500                                                                                | 5,200                                                                             | 4,900  | 4,700  | 54.2 | 124.0                                                                                   | 5,900                                                                               | 5,600                                                                               | 5,300 | 5,000 | 125 |                                                                                        |  |
| 130 | 47.1                                                                                  | 124.9                                                                               | 5,100                                                                                | 4,800                                                                             | 4,500  | 4,300  | 51.7 | 118.6                                                                                   | 5,400                                                                               | 5,100                                                                               | 4,900 | 4,600 | 130 |                                                                                        |  |
| 135 | 44.7                                                                                  | 119.3                                                                               | 4,600                                                                                | 4,400                                                                             | 4,200  | 3,900  | 49.1 | 112.7                                                                                   | 5,000                                                                               | 4,700                                                                               | 4,500 | 4,200 | 135 |                                                                                        |  |
| 140 | 42.0                                                                                  | 113.2                                                                               | 4,300                                                                                | 4,000                                                                             | 3,800  | 3,600  | 46.3 | 106.2                                                                                   | 4,500                                                                               | 4,300                                                                               | 4,100 | 3,900 | 140 |                                                                                        |  |
| 145 | 39.2                                                                                  | 106.5                                                                               | 3,900                                                                                | 3,700                                                                             | 3,500  | 3,300  | 43.3 | 99.0                                                                                    | 4,100                                                                               | 3,900                                                                               | 3,700 | 3,500 | 145 |                                                                                        |  |
| 150 | 36.3                                                                                  | 99.1                                                                                | 3,600                                                                                | 3,400                                                                             | 3,200  | 3,000  | 40.1 | 90.9                                                                                    | 3,700                                                                               | 3,600                                                                               | 3,400 | 3,200 | 150 |                                                                                        |  |
| 155 | 33.0                                                                                  | 90.7                                                                                | 3,200                                                                                | 3,100                                                                             | 2,900  | 2,800  | 36.4 | 81.6                                                                                    | 3,400                                                                               | 3,200                                                                               | 3,100 | 2,900 | 155 |                                                                                        |  |
| 160 | 29.4                                                                                  | 81.0                                                                                | 2,900                                                                                | 2,800                                                                             | 2,600  | 2,500  | 32.3 | 70.5                                                                                    | 3,000                                                                               | 2,900                                                                               | 2,700 | 2,600 | 160 |                                                                                        |  |
| 165 | 25.2                                                                                  | 69.4                                                                                | 2,600                                                                                | 2,500                                                                             | 2,400  | 2,300  |      |                                                                                         |                                                                                     |                                                                                     |       |       | 165 |                                                                                        |  |

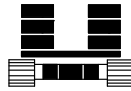
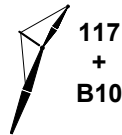


# MLC100-1 S-1



|     | 10°  |       |        |          |          |          |          | 30°  |       |          |          |          |          |     |
|-----|------|-------|--------|----------|----------|----------|----------|------|-------|----------|----------|----------|----------|-----|
|     |      |       |        |          |          |          |          |      |       |          |          |          |          |     |
|     | ft   | °     | ft     | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft  |
| 46  | 80.5 | 184.1 | 19,900 |          |          |          |          |      |       |          |          |          |          | 46  |
| 48  | 79.9 | 183.6 | 19,800 |          | 16,700   |          |          |      |       |          |          |          |          | 48  |
| 50  | 79.2 | 183.1 | 19,700 |          | 16,600   |          |          |      |       |          |          |          |          | 50  |
| 55  | 77.6 | 181.8 | 19,500 |          | 16,500   | 14,000   | 12,200   |      |       |          |          |          |          | 55  |
| 60  | 76.0 | 180.3 | 18,700 |          | 16,300   | 13,900   | 12,100   |      |       |          |          |          |          | 60  |
| 65  | 74.3 | 178.6 | 16,600 | 15,300   | 13,800   | 12,000   |          | 79.6 | 173.9 | 12,600   | 12,100   |          |          | 65  |
| 70  | 72.6 | 176.7 | 14,800 | 13,700   | 12,700   | 11,800   |          | 77.9 | 172.0 | 12,100   | 11,900   | 9,700    | 8,000    | 70  |
| 75  | 70.9 | 174.7 | 13,300 | 12,400   | 11,500   | 10,700   |          | 76.1 | 170.0 | 11,700   | 11,500   | 9,600    | 8,000    | 75  |
| 80  | 69.2 | 172.5 | 12,000 | 11,200   | 10,400   | 9,700    |          | 74.4 | 167.7 | 11,300   | 11,100   | 9,600    | 8,000    | 80  |
| 85  | 67.5 | 170.2 | 10,900 | 10,200   | 9,500    | 8,900    |          | 72.6 | 165.3 | 10,900   | 10,800   | 9,600    | 8,000    | 85  |
| 90  | 65.7 | 167.6 | 9,900  | 9,300    | 8,700    | 8,100    |          | 70.8 | 162.6 | 10,600   | 10,000   | 9,400    | 8,000    | 90  |
| 95  | 63.9 | 164.9 | 9,000  | 8,400    | 7,900    | 7,400    |          | 68.9 | 159.8 | 9,800    | 9,200    | 8,600    | 8,000    | 95  |
| 100 | 62.1 | 161.9 | 8,200  | 7,700    | 7,200    | 6,800    |          | 67.0 | 156.7 | 8,900    | 8,400    | 7,900    | 7,400    | 100 |
| 105 | 60.2 | 158.7 | 7,500  | 7,100    | 6,600    | 6,200    |          | 65.1 | 153.4 | 8,100    | 7,700    | 7,200    | 6,800    | 105 |
| 110 | 58.3 | 155.3 | 6,900  | 6,500    | 6,100    | 5,700    |          | 63.1 | 149.9 | 7,400    | 7,000    | 6,600    | 6,200    | 110 |
| 115 | 56.3 | 151.6 | 6,300  | 5,900    | 5,500    | 5,200    |          | 61.1 | 146.0 | 6,800    | 6,400    | 6,000    | 5,700    | 115 |
| 120 | 54.3 | 147.6 | 5,800  | 5,400    | 5,100    | 4,800    |          | 59.0 | 141.9 | 6,200    | 5,900    | 5,500    | 5,200    | 120 |
| 125 | 52.3 | 143.4 | 5,300  | 4,900    | 4,600    | 4,400    |          | 56.8 | 137.5 | 5,700    | 5,400    | 5,100    | 4,800    | 125 |
| 130 | 50.1 | 138.8 | 4,800  | 4,500    | 4,200    | 4,000    |          | 54.6 | 132.7 | 5,200    | 4,900    | 4,600    | 4,400    | 130 |
| 135 | 47.9 | 133.9 | 4,400  | 4,100    | 3,900    | 3,600    |          | 52.3 | 127.5 | 4,700    | 4,500    | 4,200    | 4,000    | 135 |
| 140 | 45.6 | 128.5 | 4,000  | 3,800    | 3,500    | 3,300    |          | 49.8 | 121.9 | 4,300    | 4,100    | 3,800    | 3,600    | 140 |
| 145 | 43.2 | 122.7 | 3,600  | 3,400    | 3,200    | 3,000    |          | 47.3 | 115.7 | 3,900    | 3,700    | 3,500    | 3,300    | 145 |
| 150 | 40.6 | 116.4 | 3,300  | 3,100    | 2,900    | 2,700    |          | 44.5 | 108.9 | 3,500    | 3,300    | 3,100    | 2,900    | 150 |
| 155 | 37.9 | 109.4 | 3,000  | 2,800    | 2,600    | 2,400    |          | 41.6 | 101.4 | 3,200    | 3,000    | 2,800    | 2,600    | 155 |
| 160 | 35.0 | 101.6 | 2,700  | 2,500    | 2,400    | 2,200    |          | 38.5 | 92.9  | 2,900    | 2,700    | 2,500    | 2,400    | 160 |
| 165 | 31.9 | 92.9  | 2,400  | 2,200    | 2,100    | 2,000    |          | 34.9 | 83.2  | 2,500    | 2,400    | 2,200    | 2,100    | 165 |
| 170 | 28.3 | 82.8  | 2,100  | 2,000    |          |          |          | 30.9 | 71.6  | 2,200    | 2,100    |          |          | 170 |

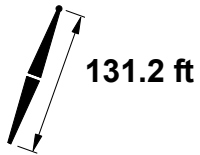
# MLC100-1 S-1



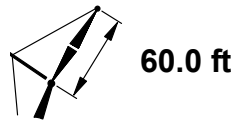
45,400 lb  
+  
0 lb



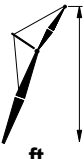
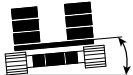
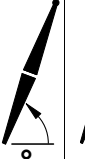
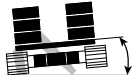
360°



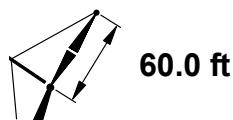
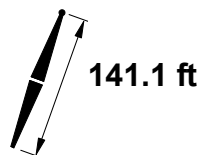
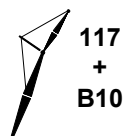
131.2 ft



60.0 ft

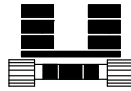
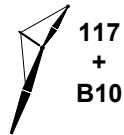
|     | 10°                                                                               |                                                                                   |                                                                                   |                                                                                   |        |        |      | 30°                                                                               |                                                                                   |                                                                                    |                                                                                     |       |    |     |  |
|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------|--------|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------|----|-----|--|
|     |  |  |  |  |        |        |      |  |  |  |  |       |    |     |  |
|     |                                                                                   |                                                                                   |                                                                                   | 0°                                                                                | 1°     | 2°     | 3°   |                                                                                   |                                                                                   |                                                                                    | 0°                                                                                  | 1°    | 2° | 3°  |  |
|     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |        |        |      |                                                                                   |                                                                                   |                                                                                    |                                                                                     |       |    |     |  |
| 48  | 80.4                                                                              | 193.7                                                                             | 19,700                                                                            |                                                                                   |        |        |      |                                                                                   |                                                                                   |                                                                                    |                                                                                     |       |    | 48  |  |
| 50  | 79.8                                                                              | 193.3                                                                             | 19,600                                                                            | 16,500                                                                            |        |        |      |                                                                                   |                                                                                   |                                                                                    |                                                                                     |       |    | 50  |  |
| 55  | 78.3                                                                              | 192.0                                                                             | 19,400                                                                            | 16,400                                                                            | 13,900 |        |      |                                                                                   |                                                                                   |                                                                                    |                                                                                     |       |    | 55  |  |
| 60  | 76.7                                                                              | 190.5                                                                             | 18,500                                                                            | 16,200                                                                            | 13,800 | 12,000 |      |                                                                                   |                                                                                   |                                                                                    |                                                                                     |       |    | 60  |  |
| 65  | 75.1                                                                              | 189.0                                                                             | 16,400                                                                            | 15,000                                                                            | 13,700 | 12,000 | 80.2 | 184.2                                                                             | 12,700                                                                            |                                                                                    |                                                                                     |       |    | 65  |  |
| 70  | 73.6                                                                              | 187.2                                                                             | 14,600                                                                            | 13,500                                                                            | 12,400 | 11,500 | 78.6 | 182.5                                                                             | 12,300                                                                            | 11,800                                                                             | 9,400                                                                               |       |    | 70  |  |
| 75  | 72.0                                                                              | 185.3                                                                             | 13,100                                                                            | 12,100                                                                            | 11,200 | 10,400 | 76.9 | 180.5                                                                             | 11,900                                                                            | 11,600                                                                             | 9,400                                                                               | 7,800 |    | 75  |  |
| 80  | 70.3                                                                              | 183.3                                                                             | 11,800                                                                            | 11,000                                                                            | 10,200 | 9,400  | 75.3 | 178.4                                                                             | 11,500                                                                            | 11,300                                                                             | 9,400                                                                               | 7,800 |    | 80  |  |
| 85  | 68.7                                                                              | 181.1                                                                             | 10,700                                                                            | 9,900                                                                             | 9,200  | 8,600  | 73.6 | 176.1                                                                             | 11,100                                                                            | 10,800                                                                             | 9,300                                                                               | 7,800 |    | 85  |  |
| 90  | 67.1                                                                              | 178.7                                                                             | 9,700                                                                             | 9,000                                                                             | 8,400  | 7,800  | 71.9 | 173.6                                                                             | 10,600                                                                            | 9,800                                                                              | 9,200                                                                               | 7,800 |    | 90  |  |
| 95  | 65.4                                                                              | 176.1                                                                             | 8,800                                                                             | 8,200                                                                             | 7,600  | 7,100  | 70.1 | 171.0                                                                             | 9,600                                                                             | 9,000                                                                              | 8,400                                                                               | 7,800 |    | 95  |  |
| 100 | 63.7                                                                              | 173.3                                                                             | 8,000                                                                             | 7,500                                                                             | 7,000  | 6,500  | 68.4 | 168.1                                                                             | 8,700                                                                             | 8,200                                                                              | 7,700                                                                               | 7,100 |    | 100 |  |
| 105 | 61.9                                                                              | 170.3                                                                             | 7,300                                                                             | 6,800                                                                             | 6,400  | 5,900  | 66.6 | 165.1                                                                             | 8,000                                                                             | 7,500                                                                              | 7,000                                                                               | 6,500 |    | 105 |  |
| 110 | 60.2                                                                              | 167.2                                                                             | 6,700                                                                             | 6,200                                                                             | 5,800  | 5,400  | 64.8 | 161.8                                                                             | 7,300                                                                             | 6,800                                                                              | 6,400                                                                               | 6,000 |    | 110 |  |
| 115 | 58.4                                                                              | 163.8                                                                             | 6,100                                                                             | 5,700                                                                             | 5,300  | 4,900  | 62.9 | 158.3                                                                             | 6,700                                                                             | 6,200                                                                              | 5,800                                                                               | 5,500 |    | 115 |  |
| 120 | 56.5                                                                              | 160.1                                                                             | 5,600                                                                             | 5,200                                                                             | 4,800  | 4,500  | 61.0 | 154.5                                                                             | 6,100                                                                             | 5,700                                                                              | 5,300                                                                               | 5,000 |    | 120 |  |
| 125 | 54.6                                                                              | 156.2                                                                             | 5,100                                                                             | 4,700                                                                             | 4,400  | 4,100  | 59.0 | 150.4                                                                             | 5,500                                                                             | 5,200                                                                              | 4,900                                                                               | 4,500 |    | 125 |  |
| 130 | 52.7                                                                              | 152.1                                                                             | 4,600                                                                             | 4,300                                                                             | 4,000  | 3,700  | 57.0 | 146.1                                                                             | 5,000                                                                             | 4,700                                                                              | 4,400                                                                               | 4,100 |    | 130 |  |
| 135 | 50.7                                                                              | 147.6                                                                             | 4,200                                                                             | 3,900                                                                             | 3,600  | 3,400  | 54.9 | 141.4                                                                             | 4,600                                                                             | 4,300                                                                              | 4,000                                                                               | 3,800 |    | 135 |  |
| 140 | 48.6                                                                              | 142.8                                                                             | 3,800                                                                             | 3,600                                                                             | 3,300  | 3,100  | 52.7 | 136.4                                                                             | 4,200                                                                             | 3,900                                                                              | 3,600                                                                               | 3,400 |    | 140 |  |
| 145 | 46.4                                                                              | 137.6                                                                             | 3,400                                                                             | 3,200                                                                             | 3,000  | 2,800  | 50.5 | 130.9                                                                             | 3,800                                                                             | 3,500                                                                              | 3,300                                                                               | 3,100 |    | 145 |  |
| 150 | 44.2                                                                              | 132.0                                                                             | 3,100                                                                             | 2,900                                                                             | 2,700  | 2,500  | 48.1 | 125.0                                                                             | 3,400                                                                             | 3,200                                                                              | 3,000                                                                               | 2,800 |    | 150 |  |
| 155 | 41.8                                                                              | 125.9                                                                             | 2,800                                                                             | 2,600                                                                             | 2,400  | 2,200  | 45.6 | 118.6                                                                             | 3,100                                                                             | 2,800                                                                              | 2,600                                                                               | 2,500 |    | 155 |  |
| 160 | 39.4                                                                              | 119.3                                                                             | 2,500                                                                             | 2,300                                                                             | 2,100  | 2,000  | 42.9 | 111.5                                                                             | 2,700                                                                             | 2,500                                                                              | 2,400                                                                               | 2,200 |    | 160 |  |
| 165 | 36.7                                                                              | 112.1                                                                             | 2,200                                                                             | 2,100                                                                             |        |        | 40.1 | 103.7                                                                             | 2,400                                                                             | 2,200                                                                              | 2,100                                                                               |       |    | 165 |  |
| 170 | 33.9                                                                              | 104.0                                                                             | 2,000                                                                             |                                                                                   |        |        | 37.0 | 94.9                                                                              | 2,100                                                                             |                                                                                    |                                                                                     |       |    | 170 |  |

# MLC100-1 S-1



|     | 10°  |       |        |          |          |          |          | 30°  |       |        |          |          |          |          |
|-----|------|-------|--------|----------|----------|----------|----------|------|-------|--------|----------|----------|----------|----------|
|     |      |       |        |          |          |          |          |      |       |        |          |          |          |          |
|     | ft   | °     | ft     | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft   | °     | ft     | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb |
| 48  | 80.9 | 203.8 | 19,600 |          |          |          |          | 80.7 | 194.5 | 12,900 |          |          |          | 48       |
| 50  | 80.3 | 203.4 | 19,500 |          |          |          |          | 79.2 | 192.8 | 12,400 |          |          |          | 50       |
| 55  | 78.9 | 202.1 | 19,300 | 16,200   | 13,800   |          |          | 77.6 | 191.0 | 12,000 | 11,500   |          |          | 55       |
| 60  | 77.4 | 200.8 | 18,200 | 16,100   | 13,700   | 11,700   |          | 76.1 | 189.0 | 11,700 | 11,300   | 9,300    | 7,700    | 60       |
| 65  | 75.9 | 199.3 | 16,200 | 14,700   | 13,500   | 11,600   |          | 74.5 | 186.8 | 11,300 | 10,600   | 9,200    | 7,700    | 65       |
| 70  | 74.4 | 197.6 | 14,400 | 13,200   | 12,100   | 11,100   |          | 72.9 | 184.5 | 10,400 | 9,600    | 8,900    | 7,700    | 70       |
| 75  | 72.9 | 195.9 | 12,900 | 11,800   | 10,900   | 10,000   |          | 71.2 | 182.0 | 9,400  | 8,800    | 8,100    | 7,500    | 75       |
| 80  | 71.4 | 193.9 | 11,600 | 10,700   | 9,800    | 9,100    |          | 69.6 | 179.3 | 8,600  | 8,000    | 7,400    | 6,900    | 80       |
| 85  | 69.8 | 191.8 | 10,500 | 9,600    | 8,900    | 8,200    |          | 67.9 | 176.5 | 7,800  | 7,200    | 6,700    | 6,300    | 85       |
| 90  | 68.3 | 189.6 | 9,500  | 8,700    | 8,100    | 7,500    |          | 66.2 | 173.4 | 7,100  | 6,600    | 6,100    | 5,700    | 90       |
| 95  | 66.7 | 187.1 | 8,600  | 7,900    | 7,300    | 6,800    |          | 64.5 | 170.1 | 6,500  | 6,000    | 5,600    | 5,200    | 95       |
| 100 | 65.1 | 184.6 | 7,800  | 7,200    | 6,700    | 6,200    |          | 62.7 | 166.6 | 5,900  | 5,500    | 5,100    | 4,700    | 100      |
| 105 | 63.5 | 181.8 | 7,100  | 6,500    | 6,100    | 5,600    |          | 60.9 | 162.9 | 5,300  | 5,000    | 4,600    | 4,300    | 105      |
| 110 | 61.8 | 178.8 | 6,400  | 6,000    | 5,500    | 5,100    |          | 59.0 | 158.9 | 4,800  | 4,500    | 4,200    | 3,900    | 110      |
| 115 | 60.1 | 175.6 | 5,800  | 5,400    | 5,000    | 4,600    |          | 57.1 | 154.7 | 4,400  | 4,100    | 3,800    | 3,500    | 115      |
| 120 | 58.4 | 172.3 | 5,300  | 4,900    | 4,500    | 4,200    |          | 55.1 | 150.1 | 4,000  | 3,700    | 3,400    | 3,100    | 120      |
| 125 | 56.7 | 168.7 | 4,800  | 4,500    | 4,100    | 3,800    |          | 53.1 | 145.2 | 3,600  | 3,300    | 3,000    | 2,800    | 125      |
| 130 | 54.9 | 164.8 | 4,400  | 4,000    | 3,700    | 3,400    |          | 51.0 | 139.9 | 3,200  | 3,000    | 2,700    | 2,500    | 130      |
| 135 | 53.0 | 160.7 | 3,900  | 3,600    | 3,400    | 3,100    |          | 48.8 | 134.2 | 2,800  | 2,600    | 2,400    | 2,200    | 135      |
| 140 | 51.1 | 156.3 | 3,600  | 3,300    | 3,000    | 2,800    |          | 46.5 | 128.1 | 2,500  | 2,300    | 2,100    |          | 140      |
| 145 | 49.2 | 151.6 | 3,200  | 2,900    | 2,700    | 2,500    |          | 44.1 | 121.4 | 2,200  | 2,000    |          |          | 145      |
| 150 | 47.2 | 146.6 | 2,900  | 2,600    | 2,400    | 2,200    |          |      |       |        |          |          |          | 150      |
| 155 | 45.1 | 141.2 | 2,500  | 2,300    | 2,100    |          |          |      |       |        |          |          |          | 155      |
| 160 | 42.9 | 135.4 | 2,200  | 2,000    |          |          |          |      |       |        |          |          |          | 160      |
| 165 | 40.6 | 129.1 | 2,000  |          |          |          |          |      |       |        |          |          |          | 165      |

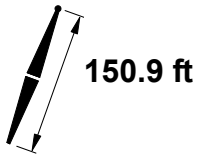
# MLC100-1 S-1



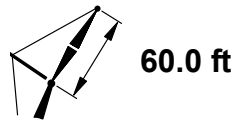
45,400 lb  
+  
0 lb



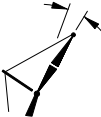
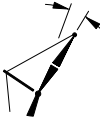
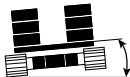
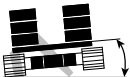
360°



150.9 ft



60.0 ft

|  |  |  10° |  |  |  |  |  |  30° |  |                                                                                     |  |  |  |  |  |  |  |
|--|--|---------------------------------------------------------------------------------------|--|--|--|--|--|-----------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|--|--|--|--|--|--|
|  |  |      |  |  |  |  |  |                                                                                         |  |  |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
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|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
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|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
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|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |
|  |  |                                                                                       |  |  |  |  |  |                                                                                         |  |                                                                                     |  |  |  |  |  |  |  |