


Liftcrane Boom Capacities

Boom No. B10:290
33 120 kg Crane Counterweight
10 500 kg Carbody Counterweight
360 Degree Rating

MLC80A-1 SERIES 2

 **LIFTING CAPACITIES:** Lifting capacities for various boom lengths and operating radii are for freely suspended loads and may be based on percent of static tipping or strength of structural components. Capacities must be reduced by applicable deducts.

Upper boom point capacity for liftcrane service with single part whip line from Drum 3 is 9 070 kg. When Drum 1 or Drum 2 is used, capacity with single part whip line is 12 520 kg. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom point sheaves, is considered part of load. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate on a firm, level, and uniformly supporting surface. Refer to Boom Rigging **No. 80121888**, Wire Rope Specifications chart **No. 9775-A**, Counterweight Arrangements chart **No. 9769-A**, and Wind Conditions chart **No. 9774-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.

MACHINE TRAVEL: Machine to travel on a firm, level, and uniformly supporting surface. Boom must be within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specifications chart **No. 9773-A**.



OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block.



BOOM ANGLE: Boom angle in degrees (°) is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.



BOOM POINT ELEVATION: Boom point elevation is vertical distance from ground level to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with 6 480 mm crawlers, 900 mm treads, 4 390 mm gantry, 8 part boom hoist reeving, two 32 mm boom pendants, 33 120 kg crane counterweight, and 10 500 kg carbody counterweight.

Consult chart **No. 9776-AM** when Jib No. 117 is attached.

| Upper Boom Point Deduct |
|---|
| Deduct 260 kg from capacities when upper boom point is attached. Deduct does not apply to 19,0 m boom length. |

| Third Line Deduct |
|---|
| Deduct 120 kg from capacities when boom top is equipped with optional 3rd sheave wire rope guide. |

| Deduct From Capacities When Jib No. 117 Is Attached | |
|---|-------------|
| Jib Length (m) | Deduct (kg) |
| 9,1 | 2 050 |
| 12,2 | 2 400 |
| 15,2 | 2 800 |
| 18,3 | 3 350 |
| Weight of jib and 325 kg suspended beneath jib point have been included in determination of deduct. | |

Refer to Table 1 for raising ability with the maximum weight of all load blocks, hooks, weight ball, slings, and hoist lines beneath boom point sheaves. For block weights shown with #, load blocks, hooks, weight ball, and slings must remain on ground until combined weights are within rated capacity of chart. Raising is not permitted in shaded areas of table.

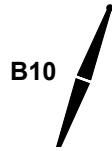
Combined weight beneath boom point sheaves must not exceed block weight shown.

Table 1

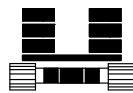
| Boom Length (m) | Over End or Side of Crawlers |
|--------------------|------------------------------|
| | Block Weight (kg) |
| 19,0 - 49,0 | 1 725 |
| 52,0 | 1 200 |
| 55,0 - 61,0 | 325 |

REFERENCE ONLY!

Explanation of Symbols



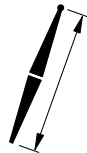
Boom No. B10:290



Crane Counterweight
+
Carbody Counterweight



360 Degree Rating



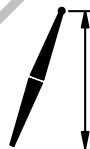
Boom Length



Operating Radius
(see page 1)



Boom Angle
(see page 1)



Boom Point Elevation
(see page 1)

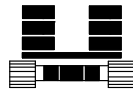
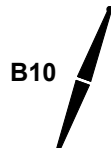


Lifting Capacities
(see page 1)

REFERENCE ONLY!

MLC80A-1 S-2

ASME B30.5



33 120 kg
+
10 500 kg



19,0 m

| m | ° | m | kg |
|------|------|------|--------|
| 4,6 | 80,3 | 20,8 | 72 500 |
| 5,0 | 78,9 | 20,7 | 71 800 |
| 5,5 | 77,4 | 20,6 | 66 800 |
| 6,0 | 75,8 | 20,5 | 61 500 |
| 6,5 | 74,3 | 20,3 | 55 200 |
| 7,0 | 72,7 | 20,2 | 49 400 |
| 7,5 | 71,1 | 20,0 | 44 400 |
| 8,0 | 69,5 | 19,8 | 40 300 |
| 8,5 | 67,9 | 19,6 | 36 800 |
| 9,0 | 66,2 | 19,4 | 34 000 |
| 9,5 | 64,5 | 19,2 | 31 500 |
| 10,0 | 62,8 | 18,9 | 29 300 |
| 10,5 | 61,1 | 18,6 | 27 400 |
| 11,0 | 59,4 | 18,3 | 25 700 |
| 11,5 | 57,6 | 18,0 | 24 200 |
| 12,0 | 55,8 | 17,7 | 22 800 |
| 13,0 | 52,0 | 16,9 | 20 500 |
| 14,0 | 48,0 | 16,1 | 18 500 |
| 15,0 | 43,8 | 15,1 | 16 900 |
| 16,0 | 39,1 | 13,9 | 15 500 |
| 17,0 | 34,0 | 12,5 | 14 300 |
| 18,0 | 28,0 | 10,8 | 13 200 |

22,0 m

| m | ° | m | kg |
|------|------|------|--------|
| 4,9 | 80,8 | 23,8 | 72 100 |
| 5,0 | 80,5 | 23,8 | 71 600 |
| 5,5 | 79,1 | 23,7 | 66 900 |
| 6,0 | 77,8 | 23,6 | 61 500 |
| 6,5 | 76,5 | 23,5 | 55 400 |
| 7,0 | 75,1 | 23,3 | 49 500 |
| 7,5 | 73,8 | 23,2 | 44 500 |
| 8,0 | 72,4 | 23,0 | 40 400 |
| 8,5 | 71,0 | 22,9 | 37 000 |
| 9,0 | 69,6 | 22,7 | 34 100 |
| 9,5 | 68,2 | 22,5 | 31 600 |
| 10,0 | 66,8 | 22,3 | 29 500 |
| 10,5 | 65,4 | 22,0 | 27 500 |
| 11,0 | 64,0 | 21,8 | 25 800 |
| 11,5 | 62,5 | 21,5 | 24 300 |
| 12,0 | 61,0 | 21,3 | 23 000 |
| 13,0 | 58,0 | 20,6 | 20 600 |
| 14,0 | 54,8 | 20,0 | 18 700 |
| 15,0 | 51,5 | 19,2 | 17 000 |
| 16,0 | 48,1 | 18,3 | 15 700 |
| 17,0 | 44,4 | 17,4 | 14 400 |
| 18,0 | 40,5 | 16,2 | 13 400 |
| 19,0 | 36,3 | 15,0 | 12 500 |
| 20,0 | 31,6 | 13,4 | 11 600 |
| 21,0 | 26,0 | 11,6 | 10 900 |

25,0 m

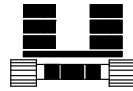
| m | ° | m | kg |
|------|------|------|--------|
| 5,5 | 80,5 | 26,7 | 64 700 |
| 6,0 | 79,3 | 26,6 | 61 400 |
| 6,5 | 78,1 | 26,5 | 55 300 |
| 7,0 | 76,9 | 26,4 | 49 500 |
| 7,5 | 75,8 | 26,3 | 44 500 |
| 8,0 | 74,6 | 26,1 | 40 400 |
| 8,5 | 73,4 | 26,0 | 36 900 |
| 9,0 | 72,2 | 25,8 | 34 100 |
| 9,5 | 71,0 | 25,7 | 31 600 |
| 10,0 | 69,7 | 25,5 | 29 400 |
| 10,5 | 68,5 | 25,3 | 27 500 |
| 11,0 | 67,3 | 25,1 | 25 700 |
| 11,5 | 66,0 | 24,9 | 24 200 |
| 12,0 | 64,7 | 24,6 | 22 900 |
| 13,0 | 62,2 | 24,1 | 20 500 |
| 14,0 | 59,5 | 23,5 | 18 600 |
| 15,0 | 56,8 | 22,9 | 17 000 |
| 16,0 | 54,0 | 22,2 | 15 600 |
| 17,0 | 51,1 | 21,4 | 14 400 |
| 18,0 | 48,1 | 20,6 | 13 300 |
| 19,0 | 44,9 | 19,6 | 12 400 |
| 20,0 | 41,5 | 18,5 | 11 500 |
| 21,0 | 37,9 | 17,3 | 10 800 |
| 22,0 | 33,9 | 15,9 | 10 100 |
| 23,0 | 29,5 | 14,2 | 9 500 |
| 24,0 | 24,3 | 12,2 | 9 000 |

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B10



33 120 kg
+
10 500 kg



360°

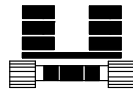
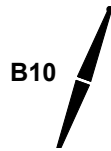
| 28,0 m | | | |
|--------|------|------|--------|
| m | ° | m | kg |
| 5,8 | 80,9 | 29,7 | 58 600 |
| 6,0 | 80,5 | 29,7 | 57 900 |
| 6,5 | 79,4 | 29,6 | 54 300 |
| 7,0 | 78,4 | 29,5 | 49 500 |
| 7,5 | 77,3 | 29,4 | 44 500 |
| 8,0 | 76,3 | 29,3 | 40 300 |
| 8,5 | 75,2 | 29,1 | 36 900 |
| 9,0 | 74,2 | 29,0 | 34 100 |
| 9,5 | 73,1 | 28,8 | 31 600 |
| 10,0 | 72,0 | 28,7 | 29 400 |
| 10,5 | 70,9 | 28,5 | 27 400 |
| 11,0 | 69,8 | 28,3 | 25 700 |
| 11,5 | 68,7 | 28,1 | 24 200 |
| 12,0 | 67,6 | 27,9 | 22 900 |
| 13,0 | 65,4 | 27,5 | 20 500 |
| 14,0 | 63,1 | 27,0 | 18 600 |
| 15,0 | 60,8 | 26,5 | 16 900 |
| 16,0 | 58,4 | 25,9 | 15 600 |
| 17,0 | 56,0 | 25,2 | 14 300 |
| 18,0 | 53,4 | 24,5 | 13 300 |
| 19,0 | 50,8 | 23,7 | 12 400 |
| 20,0 | 48,1 | 22,8 | 11 500 |
| 21,0 | 45,3 | 21,9 | 10 800 |
| 22,0 | 42,3 | 20,8 | 10 100 |
| 23,0 | 39,1 | 19,6 | 9 500 |
| 24,0 | 35,7 | 18,3 | 9 000 |
| 25,0 | 32,0 | 16,8 | 8 500 |
| 26,0 | 27,9 | 15,0 | 8 000 |
| 27,0 | 23,0 | 12,8 | 7 600 |

| 31,0 m | | | |
|--------|------|------|--------|
| m | ° | m | kg |
| 6,7 | 80,1 | 32,6 | 51 900 |
| 7,0 | 79,5 | 32,6 | 49 100 |
| 7,5 | 78,6 | 32,5 | 44 400 |
| 8,0 | 77,6 | 32,3 | 40 300 |
| 8,5 | 76,7 | 32,2 | 36 900 |
| 9,0 | 75,7 | 32,1 | 34 000 |
| 9,5 | 74,8 | 32,0 | 31 500 |
| 10,0 | 73,8 | 31,8 | 29 300 |
| 10,5 | 72,8 | 31,7 | 27 400 |
| 11,0 | 71,9 | 31,5 | 25 600 |
| 11,5 | 70,9 | 31,3 | 24 100 |
| 12,0 | 69,9 | 31,1 | 22 800 |
| 13,0 | 67,9 | 30,8 | 20 400 |
| 14,0 | 65,9 | 30,3 | 18 500 |
| 15,0 | 63,8 | 29,8 | 16 900 |
| 16,0 | 61,8 | 29,3 | 15 500 |
| 17,0 | 59,6 | 28,7 | 14 300 |
| 18,0 | 57,5 | 28,1 | 13 200 |
| 19,0 | 55,2 | 27,4 | 12 300 |
| 20,0 | 52,9 | 26,7 | 11 400 |
| 21,0 | 50,6 | 25,9 | 10 700 |
| 22,0 | 48,1 | 25,0 | 10 000 |
| 23,0 | 45,6 | 24,1 | 9 400 |
| 24,0 | 42,9 | 23,0 | 8 900 |
| 25,0 | 40,1 | 21,9 | 8 400 |
| 26,0 | 37,1 | 20,6 | 7 900 |
| 27,0 | 33,8 | 19,2 | 7 500 |
| 28,0 | 30,3 | 17,6 | 7 100 |

| 34,0 m | | | |
|--------|------|------|--------|
| m | ° | m | kg |
| 6,7 | 80,9 | 35,7 | 48 000 |
| 7,0 | 80,4 | 35,6 | 47 000 |
| 7,5 | 79,6 | 35,5 | 44 400 |
| 8,0 | 78,7 | 35,4 | 40 200 |
| 8,5 | 77,9 | 35,3 | 36 800 |
| 9,0 | 77,0 | 35,2 | 33 900 |
| 9,5 | 76,1 | 35,1 | 31 400 |
| 10,0 | 75,3 | 34,9 | 29 200 |
| 10,5 | 74,4 | 34,8 | 27 300 |
| 11,0 | 73,5 | 34,6 | 25 600 |
| 11,5 | 72,6 | 34,5 | 24 100 |
| 12,0 | 71,7 | 34,3 | 22 700 |
| 13,0 | 69,9 | 34,0 | 20 400 |
| 14,0 | 68,1 | 33,6 | 18 400 |
| 15,0 | 66,3 | 33,1 | 16 800 |
| 16,0 | 64,4 | 32,7 | 15 400 |
| 17,0 | 62,5 | 32,2 | 14 200 |
| 18,0 | 60,6 | 31,6 | 13 100 |
| 19,0 | 58,7 | 31,0 | 12 200 |
| 20,0 | 56,7 | 30,4 | 11 300 |
| 21,0 | 54,6 | 29,7 | 10 600 |
| 22,0 | 52,5 | 28,9 | 9 900 |
| 23,0 | 50,3 | 28,1 | 9 300 |
| 24,0 | 48,1 | 27,3 | 8 800 |
| 25,0 | 45,8 | 26,3 | 8 300 |
| 26,0 | 43,3 | 25,3 | 7 800 |
| 27,0 | 40,8 | 24,2 | 7 400 |
| 28,0 | 38,1 | 22,9 | 7 000 |
| 29,0 | 35,3 | 21,6 | 6 700 |
| 30,0 | 32,2 | 20,0 | 6 300 |
| 32,0 | 25,1 | 16,3 | 5 700 |

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ASME B30.5



33 120 kg
+
10 500 kg



37,0 m

| m | ° | m | kg |
|------|------|------|--------|
| 7,3 | 80,7 | 38,6 | 43 600 |
| 7,5 | 80,4 | 38,6 | 42 700 |
| 8,0 | 79,7 | 38,5 | 40 200 |
| 8,5 | 78,9 | 38,4 | 36 700 |
| 9,0 | 78,1 | 38,3 | 33 900 |
| 9,5 | 77,3 | 38,2 | 31 400 |
| 10,0 | 76,5 | 38,0 | 29 200 |
| 10,5 | 75,7 | 37,9 | 27 200 |
| 11,0 | 74,9 | 37,8 | 25 500 |
| 11,5 | 74,1 | 37,6 | 24 000 |
| 12,0 | 73,3 | 37,5 | 22 600 |
| 13,0 | 71,6 | 37,2 | 20 300 |
| 14,0 | 70,0 | 36,8 | 18 300 |
| 15,0 | 68,3 | 36,4 | 16 700 |
| 16,0 | 66,7 | 36,0 | 15 300 |
| 17,0 | 65,0 | 35,5 | 14 100 |
| 18,0 | 63,2 | 35,0 | 13 000 |
| 19,0 | 61,5 | 34,5 | 12 100 |
| 20,0 | 59,7 | 33,9 | 11 200 |
| 21,0 | 57,9 | 33,3 | 10 500 |
| 22,0 | 56,0 | 32,7 | 9 800 |
| 23,0 | 54,1 | 32,0 | 9 200 |
| 24,0 | 52,2 | 31,2 | 8 700 |
| 25,0 | 50,2 | 30,4 | 8 200 |
| 26,0 | 48,1 | 29,5 | 7 700 |
| 27,0 | 46,0 | 28,6 | 7 300 |
| 28,0 | 43,8 | 27,6 | 6 900 |
| 29,0 | 41,5 | 26,5 | 6 600 |
| 30,0 | 39,1 | 25,3 | 6 200 |
| 32,0 | 33,8 | 22,5 | 5 600 |
| 34,0 | 27,7 | 19,1 | 5 100 |

40,0 m

| m | ° | m | kg |
|------|------|------|--------|
| 7,9 | 80,6 | 41,5 | 39 600 |
| 8,0 | 80,4 | 41,5 | 39 200 |
| 8,5 | 79,7 | 41,4 | 36 600 |
| 9,0 | 79,0 | 41,3 | 33 800 |
| 9,5 | 78,2 | 41,2 | 31 300 |
| 10,0 | 77,5 | 41,1 | 29 100 |
| 10,5 | 76,8 | 41,0 | 27 100 |
| 11,0 | 76,0 | 40,9 | 25 400 |
| 11,5 | 75,3 | 40,7 | 23 900 |
| 12,0 | 74,6 | 40,6 | 22 600 |
| 13,0 | 73,1 | 40,3 | 20 200 |
| 14,0 | 71,6 | 40,0 | 18 300 |
| 15,0 | 70,0 | 39,6 | 16 600 |
| 16,0 | 68,5 | 39,2 | 15 300 |
| 17,0 | 66,9 | 38,8 | 14 000 |
| 18,0 | 65,4 | 38,4 | 13 000 |
| 19,0 | 63,8 | 37,9 | 12 000 |
| 20,0 | 62,2 | 37,4 | 11 200 |
| 21,0 | 60,5 | 36,8 | 10 400 |
| 22,0 | 58,9 | 36,2 | 9 800 |
| 23,0 | 57,2 | 35,6 | 9 200 |
| 24,0 | 55,4 | 34,9 | 8 600 |
| 25,0 | 53,7 | 34,2 | 8 100 |
| 26,0 | 51,9 | 33,4 | 7 700 |
| 27,0 | 50,0 | 32,6 | 7 200 |
| 28,0 | 48,1 | 31,7 | 6 900 |
| 29,0 | 46,1 | 30,8 | 6 500 |
| 30,0 | 44,1 | 29,8 | 6 200 |
| 32,0 | 39,8 | 27,5 | 5 600 |
| 34,0 | 35,0 | 24,9 | 5 000 |
| 36,0 | 29,6 | 21,7 | 4 600 |
| 38,0 | 23,1 | 17,6 | 4 200 |

43,0 m

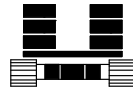
| m | ° | m | kg |
|------|------|------|--------|
| 8,5 | 80,4 | 44,5 | 35 300 |
| 9,0 | 79,8 | 44,4 | 33 500 |
| 9,5 | 79,1 | 44,3 | 31 200 |
| 10,0 | 78,4 | 44,2 | 29 000 |
| 10,5 | 77,7 | 44,1 | 27 100 |
| 11,0 | 77,0 | 44,0 | 25 300 |
| 11,5 | 76,4 | 43,9 | 23 800 |
| 12,0 | 75,7 | 43,7 | 22 500 |
| 13,0 | 74,3 | 43,5 | 20 100 |
| 14,0 | 72,9 | 43,2 | 18 200 |
| 15,0 | 71,5 | 42,8 | 16 500 |
| 16,0 | 70,1 | 42,5 | 15 200 |
| 17,0 | 68,7 | 42,1 | 13 900 |
| 18,0 | 67,2 | 41,7 | 12 900 |
| 19,0 | 65,8 | 41,2 | 11 900 |
| 20,0 | 64,3 | 40,8 | 11 100 |
| 21,0 | 62,8 | 40,3 | 10 300 |
| 22,0 | 61,3 | 39,7 | 9 700 |
| 23,0 | 59,7 | 39,1 | 9 100 |
| 24,0 | 58,2 | 38,5 | 8 500 |
| 25,0 | 56,6 | 37,9 | 8 000 |
| 26,0 | 55,0 | 37,2 | 7 600 |
| 27,0 | 53,3 | 36,5 | 7 100 |
| 28,0 | 51,6 | 35,7 | 6 800 |
| 29,0 | 49,9 | 34,9 | 6 400 |
| 30,0 | 48,1 | 34,0 | 6 100 |
| 32,0 | 44,4 | 32,1 | 5 500 |
| 34,0 | 40,5 | 29,8 | 4 900 |
| 36,0 | 36,1 | 27,3 | 4 500 |
| 38,0 | 31,3 | 24,3 | 4 000 |
| 40,0 | 25,6 | 20,5 | 3 700 |

MLC80A-1 S-2

ASME B30.5



B10



33 120 kg
+
10 500 kg



360°

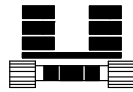
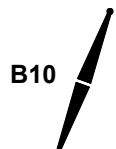
| 46,0 m | | | |
|--------|------|------|--------|
| m | ° | m | kg |
| 9,1 | 80,3 | 47,4 | 32 000 |
| 9,5 | 79,8 | 47,3 | 30 800 |
| 10,0 | 79,2 | 47,2 | 28 900 |
| 10,5 | 78,5 | 47,1 | 27 000 |
| 11,0 | 77,9 | 47,0 | 25 300 |
| 11,5 | 77,3 | 46,9 | 23 700 |
| 12,0 | 76,6 | 46,8 | 22 400 |
| 13,0 | 75,3 | 46,6 | 20 000 |
| 14,0 | 74,0 | 46,3 | 18 100 |
| 15,0 | 72,7 | 46,0 | 16 400 |
| 16,0 | 71,4 | 45,6 | 15 100 |
| 17,0 | 70,1 | 45,3 | 13 800 |
| 18,0 | 68,8 | 44,9 | 12 800 |
| 19,0 | 67,4 | 44,5 | 11 800 |
| 20,0 | 66,1 | 44,1 | 11 000 |
| 21,0 | 64,7 | 43,6 | 10 300 |
| 22,0 | 63,3 | 43,1 | 9 600 |
| 23,0 | 61,9 | 42,6 | 9 000 |
| 24,0 | 60,5 | 42,0 | 8 400 |
| 25,0 | 59,0 | 41,4 | 7 900 |
| 26,0 | 57,6 | 40,8 | 7 500 |
| 27,0 | 56,1 | 40,1 | 7 000 |
| 28,0 | 54,5 | 39,4 | 6 700 |
| 29,0 | 53,0 | 38,7 | 6 300 |
| 30,0 | 51,4 | 37,9 | 6 000 |
| 32,0 | 48,1 | 36,2 | 5 400 |
| 34,0 | 44,7 | 34,3 | 4 800 |
| 36,0 | 41,0 | 32,1 | 4 400 |
| 38,0 | 37,0 | 29,6 | 4 000 |
| 40,0 | 32,6 | 26,7 | 3 600 |
| 42,0 | 27,6 | 23,2 | 3 300 |
| 44,0 | 21,5 | 18,8 | 2 900 |

| 49,0 m | | | |
|--------|------|------|--------|
| m | ° | m | kg |
| 9,1 | 80,9 | 50,5 | 28 500 |
| 9,5 | 80,4 | 50,4 | 28 200 |
| 10,0 | 79,8 | 50,3 | 27 800 |
| 10,5 | 79,2 | 50,2 | 26 900 |
| 11,0 | 78,7 | 50,1 | 25 200 |
| 11,5 | 78,1 | 50,0 | 23 700 |
| 12,0 | 77,5 | 49,9 | 22 300 |
| 13,0 | 76,3 | 49,7 | 19 900 |
| 14,0 | 75,0 | 49,4 | 18 000 |
| 15,0 | 73,8 | 49,1 | 16 300 |
| 16,0 | 72,6 | 48,8 | 15 000 |
| 17,0 | 71,4 | 48,5 | 13 700 |
| 18,0 | 70,1 | 48,1 | 12 700 |
| 19,0 | 68,9 | 47,8 | 11 700 |
| 20,0 | 67,6 | 47,3 | 10 900 |
| 21,0 | 66,4 | 46,9 | 10 100 |
| 22,0 | 65,1 | 46,5 | 9 500 |
| 23,0 | 63,8 | 46,0 | 8 900 |
| 24,0 | 62,5 | 45,5 | 8 300 |
| 25,0 | 61,1 | 44,9 | 7 800 |
| 26,0 | 59,8 | 44,3 | 7 400 |
| 27,0 | 58,4 | 43,7 | 6 900 |
| 28,0 | 57,0 | 43,1 | 6 600 |
| 29,0 | 55,6 | 42,4 | 6 200 |
| 30,0 | 54,2 | 41,7 | 5 900 |
| 32,0 | 51,2 | 40,2 | 5 200 |
| 34,0 | 48,1 | 38,5 | 4 700 |
| 36,0 | 44,9 | 36,6 | 4 300 |
| 38,0 | 41,5 | 34,4 | 3 800 |
| 40,0 | 37,8 | 32,0 | 3 500 |
| 42,0 | 33,8 | 29,2 | 3 100 |
| 44,0 | 29,3 | 25,9 | 2 800 |
| 46,0 | 24,0 | 21,8 | 2 500 |

| 52,0 m | | | |
|--------|------|------|--------|
| m | ° | m | kg |
| 9,8 | 80,7 | 53,4 | 24 100 |
| 10,0 | 80,4 | 53,4 | 23 900 |
| 10,5 | 79,9 | 53,3 | 23 700 |
| 11,0 | 79,3 | 53,2 | 23 400 |
| 11,5 | 78,7 | 53,1 | 23 100 |
| 12,0 | 78,2 | 53,0 | 22 100 |
| 13,0 | 77,1 | 52,7 | 19 900 |
| 14,0 | 75,9 | 52,5 | 17 900 |
| 15,0 | 74,8 | 52,2 | 16 300 |
| 16,0 | 73,6 | 51,9 | 14 900 |
| 17,0 | 72,5 | 51,6 | 13 600 |
| 18,0 | 71,3 | 51,3 | 12 600 |
| 19,0 | 70,2 | 50,9 | 11 600 |
| 20,0 | 69,0 | 50,6 | 10 800 |
| 21,0 | 67,8 | 50,2 | 10 100 |
| 22,0 | 66,6 | 49,7 | 9 400 |
| 23,0 | 65,4 | 49,3 | 8 800 |
| 24,0 | 64,2 | 48,8 | 8 200 |
| 25,0 | 62,9 | 48,3 | 7 700 |
| 26,0 | 61,7 | 47,8 | 7 300 |
| 27,0 | 60,4 | 47,2 | 6 900 |
| 28,0 | 59,1 | 46,6 | 6 500 |
| 29,0 | 57,8 | 46,0 | 6 100 |
| 30,0 | 56,5 | 45,4 | 5 800 |
| 32,0 | 53,8 | 44,0 | 5 200 |
| 34,0 | 51,0 | 42,4 | 4 600 |
| 36,0 | 48,1 | 40,7 | 4 200 |
| 38,0 | 45,1 | 38,8 | 3 800 |
| 40,0 | 41,9 | 36,7 | 3 400 |
| 42,0 | 38,4 | 34,3 | 3 100 |
| 44,0 | 34,7 | 31,5 | 2 800 |
| 46,0 | 30,6 | 28,4 | 2 500 |
| 48,0 | 25,9 | 24,6 | 2 200 |

MLC80A-1 S-2

ASME B30.5



33 120 kg
+
10 500 kg



55,0 m

| m | ° | m | kg |
|------|------|------|--------|
| 10,4 | 80,6 | 56,3 | 20 800 |
| 10,5 | 80,4 | 56,3 | 20 800 |
| 11,0 | 79,9 | 56,2 | 20 500 |
| 11,5 | 79,4 | 56,1 | 20 300 |
| 12,0 | 78,8 | 56,0 | 20 100 |
| 13,0 | 77,8 | 55,8 | 19 400 |
| 14,0 | 76,7 | 55,6 | 17 800 |
| 15,0 | 75,6 | 55,3 | 16 200 |
| 16,0 | 74,5 | 55,1 | 14 800 |
| 17,0 | 73,5 | 54,8 | 13 500 |
| 18,0 | 72,4 | 54,4 | 12 500 |
| 19,0 | 71,3 | 54,1 | 11 500 |
| 20,0 | 70,2 | 53,8 | 10 700 |
| 21,0 | 69,1 | 53,4 | 10 000 |
| 22,0 | 67,9 | 53,0 | 9 300 |
| 23,0 | 66,8 | 52,6 | 8 700 |
| 24,0 | 65,7 | 52,1 | 8 100 |
| 25,0 | 64,5 | 51,6 | 7 600 |
| 26,0 | 63,3 | 51,2 | 7 200 |
| 27,0 | 62,2 | 50,6 | 6 700 |
| 28,0 | 61,0 | 50,1 | 6 400 |
| 29,0 | 59,8 | 49,5 | 6 000 |
| 30,0 | 58,6 | 48,9 | 5 700 |
| 32,0 | 56,1 | 47,6 | 5 100 |
| 34,0 | 53,5 | 46,2 | 4 500 |
| 36,0 | 50,9 | 44,6 | 4 100 |
| 38,0 | 48,1 | 42,9 | 3 700 |
| 40,0 | 45,3 | 41,0 | 3 300 |
| 42,0 | 42,2 | 38,9 | 3 000 |
| 44,0 | 39,0 | 36,5 | 2 700 |
| 46,0 | 35,5 | 33,9 | 2 400 |
| 48,0 | 31,8 | 30,9 | 2 100 |
| 50,0 | 27,5 | 27,3 | 1 900 |

58,0 m

| m | ° | m | kg |
|------|------|------|--------|
| 11,0 | 80,5 | 59,3 | 19 700 |
| 11,5 | 79,9 | 59,2 | 19 500 |
| 12,0 | 79,4 | 59,1 | 19 300 |
| 13,0 | 78,4 | 58,9 | 18 900 |
| 14,0 | 77,4 | 58,7 | 17 700 |
| 15,0 | 76,4 | 58,4 | 16 000 |
| 16,0 | 75,4 | 58,2 | 14 700 |
| 17,0 | 74,3 | 57,9 | 13 400 |
| 18,0 | 73,3 | 57,6 | 12 400 |
| 19,0 | 72,3 | 57,3 | 11 400 |
| 20,0 | 71,2 | 57,0 | 10 600 |
| 21,0 | 70,2 | 56,6 | 9 800 |
| 22,0 | 69,1 | 56,2 | 9 200 |
| 23,0 | 68,1 | 55,8 | 8 600 |
| 24,0 | 67,0 | 55,4 | 8 000 |
| 25,0 | 65,9 | 55,0 | 7 500 |
| 26,0 | 64,8 | 54,5 | 7 000 |
| 27,0 | 63,7 | 54,0 | 6 600 |
| 28,0 | 62,6 | 53,5 | 6 200 |
| 29,0 | 61,5 | 53,0 | 5 900 |
| 30,0 | 60,4 | 52,4 | 5 500 |
| 32,0 | 58,1 | 51,2 | 4 900 |
| 34,0 | 55,7 | 49,9 | 4 400 |
| 36,0 | 53,3 | 48,5 | 3 900 |
| 38,0 | 50,8 | 46,9 | 3 500 |
| 40,0 | 48,1 | 45,2 | 3 200 |
| 42,0 | 45,4 | 43,3 | 2 800 |
| 44,0 | 42,6 | 41,2 | 2 500 |
| 46,0 | 39,5 | 38,9 | 2 200 |
| 48,0 | 36,3 | 36,3 | 2 000 |
| 50,0 | 32,8 | 33,4 | 1 800 |

61,0 m

| m | ° | m | kg |
|------|------|------|--------|
| 11,0 | 80,9 | 62,3 | 17 600 |
| 11,5 | 80,4 | 62,2 | 17 400 |
| 12,0 | 79,9 | 62,1 | 17 200 |
| 13,0 | 79,0 | 61,9 | 16 900 |
| 14,0 | 78,0 | 61,7 | 16 500 |
| 15,0 | 77,1 | 61,5 | 15 800 |
| 16,0 | 76,1 | 61,3 | 14 600 |
| 17,0 | 75,1 | 61,0 | 13 300 |
| 18,0 | 74,2 | 60,7 | 12 200 |
| 19,0 | 73,2 | 60,4 | 11 300 |
| 20,0 | 72,2 | 60,1 | 10 500 |
| 21,0 | 71,2 | 59,8 | 9 700 |
| 22,0 | 70,2 | 59,4 | 9 000 |
| 23,0 | 69,2 | 59,1 | 8 400 |
| 24,0 | 68,2 | 58,7 | 7 900 |
| 25,0 | 67,2 | 58,2 | 7 400 |
| 26,0 | 66,2 | 57,8 | 6 900 |
| 27,0 | 65,1 | 57,3 | 6 500 |
| 28,0 | 64,1 | 56,9 | 6 100 |
| 29,0 | 63,0 | 56,4 | 5 700 |
| 30,0 | 62,0 | 55,8 | 5 400 |
| 32,0 | 59,8 | 54,7 | 4 800 |
| 34,0 | 57,6 | 53,5 | 4 300 |
| 36,0 | 55,3 | 52,2 | 3 800 |
| 38,0 | 53,0 | 50,7 | 3 400 |
| 40,0 | 50,6 | 49,1 | 3 000 |
| 42,0 | 48,1 | 47,4 | 2 700 |
| 44,0 | 45,6 | 45,5 | 2 400 |
| 46,0 | 42,8 | 43,4 | 2 100 |
| 48,0 | 40,0 | 41,1 | 1 900 |