

Selection and ordering data

Article No.

Article No.

Milltronics MWL weight lifter

A mechanical calibration weight lifter for MSI, MMI, MCS, and MUS belt scale¹⁾

For use with MSI, ensure MSI fabrication option 4 1 is selected.

➤ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.

Actuation

Manually

Belt width and 'A' dimension

18 inch, 'A'=27 inch (686 mm)
 19 inch, 'A'=28 inch (711 mm)
 20 inch, 'A'=29 inch (737 mm)
 21 inch, 'A'=30 inch (762 mm)
 22 inch, 'A'=31 inch (787 mm)
 23 inch, 'A'=32 inch (813 mm)
 24 inch, 'A'=33 inch (838 mm)
 25 inch, 'A'=34 inch (864 mm)
 26 inch, 'A'=35 inch (889 mm)
 27 inch, 'A'=36 inch (914 mm)
 28 inch, 'A'=37 inch (940 mm)
 29 inch, 'A'=38 inch (965 mm)
 30 inch, 'A'=39 inch (991 mm)
 31 inch, 'A'=40 inch (1 016 mm)
 32 inch, 'A'=41 inch (1 041 mm)
 33 inch, 'A'=42 inch (1 067 mm)
 34 inch, 'A'=43 inch (1 092 mm)
 35 inch, 'A'=44 inch (1 118 mm)
 36 inch, 'A'=45 inch (1 143 mm)
 37 inch, 'A'=46 inch (1 168 mm)
 38 inch, 'A'=47 inch (1 194 mm)
 39 inch, 'A'=48 inch (1 219 mm)
 40 inch, 'A'=49 inch (1 245 mm)
 41 inch, 'A'=50 inch (1 270 mm)
 42 inch, 'A'=51 inch (1 295 mm)
 43 inch, 'A'=52 inch (1 321 mm)
 44 inch, 'A'=53 inch (1 346 mm)
 45 inch, 'A'=54 inch (1 372 mm)
 46 inch, 'A'=55 inch (1 397 mm)
 47 inch, 'A'=56 inch (1 422 mm)
 48 inch, 'A'=57 inch (1 448 mm)
 49 inch, 'A'=58 inch (1 473 mm)
 50 inch, 'A'=59 inch (1 499 mm)
 51 inch, 'A'=60 inch (1 524 mm)
 52 inch, 'A'=61 inch (1 549 mm)
 53 inch, 'A'=62 inch (1 575 mm)
 54 inch, 'A'=63 inch (1 600 mm)
 55 inch, 'A'=64 inch (1 626 mm)
 56 inch, 'A'=65 inch (1 651 mm)
 57 inch, 'A'=66 inch (1 676 mm)
 58 inch, 'A'=67 inch (1 702 mm)
 59 inch, 'A'=68 inch (1 727 mm)
 60 inch, 'A'=69 inch (1 753 mm)
 61 inch, 'A'=70 inch (1 778 mm)
 62 inch, 'A'=71 inch (1 803 mm)
 63 inch, 'A'=72 inch (1 829 mm)
 64 inch, 'A'=73 inch (1 854 mm)

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Milltronics MWL weight lifter

A mechanical calibration weight lifter for MSI, MMI, MCS, and MUS belt scale¹⁾

For use with MSI, ensure MSI fabrication option 4 1 is selected.

65 inch, 'A'=74 inch (1 880 mm)
 66 inch, 'A'=75 inch (1 905 mm)
 67 inch, 'A'=76 inch (1 930 mm)
 68 inch, 'A'=77 inch (1 956 mm)
 69 inch, 'A'=78 inch (1 981 mm)
 70 inch, 'A'=79 inch (2 007 mm)
 71 inch, 'A'=80 inch (2 032 mm)
 72 inch, 'A'=81 inch (2 057 mm)
 73 inch, 'A'=82 inch (2 083 mm)
 74 inch, 'A'=83 inch (2 108 mm)
 75 inch, 'A'=84 inch (2 134 mm)
 76 inch, 'A'=85 inch (2 159 mm)
 77 inch, 'A'=86 inch (2 184 mm)
 78 inch, 'A'=87 inch (2 210 mm)
 79 inch, 'A'=88 inch (2 235 mm)
 80 inch, 'A'=89 inch (2 261 mm)
 81 inch, 'A'=90 inch (2 286 mm)
 82 inch, 'A'=91 inch (2 311 mm)
 83 inch, 'A'=92 inch (2 337 mm)
 84 inch, 'A'=93 inch (2 362 mm)
 85 inch, 'A'=94 inch (2 388 mm)
 86 inch, 'A'=95 inch (2 413 mm)
 87 inch, 'A'=96 inch (2 438 mm)
 88 inch, 'A'=97 inch (2 464 mm)
 89 inch, 'A'=98 inch (2 489 mm)
 90 inch, 'A'=99 inch (2 515 mm)
 91 inch, 'A'=100 inch (2 540 mm)
 92 inch, 'A'=101 inch (2 565 mm)
 93 inch, 'A'=102 inch (2 591 mm)
 94 inch, 'A'=103 inch (2 616 mm)
 95 inch, 'A'=104 inch (2 642 mm)
 96 inch, 'A'=105 inch (2 667 mm)
 No width parts³⁾

Weight type

None

For use with flat bar weights (weights not included)

Width based on belt width

3 inch integrated round bar weight
 (18 ... 29 inch, 15.9 ... 22.7 kg)
 3 inch integrated round bar weight
 (30 ... 41 inch, 26.8 ... 33.6 kg)
 3 inch integrated round bar weight
 (42 ... 53 inch, 37.7 ... 44.5 kg)
 3 inch integrated round bar weight
 (54 ... 65 inch, 48.6 ... 58.6 kg)
 3 inch integrated round bar weight
 (66 ... 77 inch, 59.5 ... 69.5 kg)
 3 inch integrated round bar weight
 (78 ... 89 inch, 70.4 ... 80.4 kg)
 3 inch integrated round bar weight
 (90 ... 96 inch, 81.3 ... 86.8 kg)
 4 inch integrated round bar weight
 (18 ... 29 inch, 23.3 ... 34.3 kg)

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Selection and ordering data

Article No.

Order Code

Milltronics MWL weight lifter

A mechanical calibration weight lifter for MSI, MMI, MCS, and MUS belt scale¹⁾

For use with MSI, ensure MSI fabrication option 4 1 is selected.

	7MH7218-
4 inch integrated round bar weight (30 ... 41 inch, 42.7 ... 53.7 kg)	4 2
4 inch integrated round bar weight (42 ... 53 inch, 62.1 ... 73.1 kg)	4 3
4 inch integrated round bar weight (54 ... 65 inch, 81.5 ... 99.3 kg)	4 4
4 inch integrated round bar weight (66 ... 77 inch, 100.9 ... 118.6 kg)	4 5
4 inch integrated round bar weight (78 ... 89 inch, 120.3 ... 138.0 kg)	4 6
4 inch integrated round bar weight (90 ... 96 inch, 139.6 ... 149.3 kg)	4 7
5 inch integrated round bar weight (18 ... 29 inch, 32.9 ... 49.3 kg)	5 1
5 inch integrated round bar weight (30 ... 41 inch, 63.2 ... 79.6 kg)	5 2
5 inch integrated round bar weight (42 ... 53 inch, 93.5 ... 109.9 kg)	5 3
5 inch integrated round bar weight (54 ... 65 inch, 123.7 ... 151.5 kg)	5 4
5 inch integrated round bar weight (66 ... 77 inch, 154.0 ... 181.8 kg)	5 5
5 inch integrated round bar weight (78 ... 89 inch, 184.3 ... 212.1 kg)	5 6
5 inch integrated round bar weight (90 ... 96 inch, 214.6 ... 229.7 kg)	5 7
6 inch integrated round bar weight (18 ... 29 inch, 44.5 ... 67.6 kg)	6 1
6 inch integrated round bar weight (30 ... 41 inch, 88.2 ... 111.2 kg)	6 2
6 inch integrated round bar weight (42 ... 53 inch, 131.8 ... 154.8 kg)	6 3
6 inch integrated round bar weight (54 ... 65 inch, 175.4 ... 215.3 kg)	6 4
6 inch integrated round bar weight (66 ... 77 inch, 219.0 ... 258.9 kg)	6 5
6 inch integrated round bar weight (78 ... 89 inch, 262.6 ... 302.5 kg)	6 6
6 inch integrated round bar weight (90 ... 96 inch, 306.2 ... 328.0 kg)	6 7

Fabrication

Standard, C5-M rated polyester painted mild steel	1
Electro galvanized mild steel	2
Other materials available upon request.	

Further designs

Please add "-Z" to article no. and specify order code(s).

Stainless steel tag [69 x 38 mm (2.7 x 1.5 inch)], Measuring-point number / identification (max 27 characters), specify in plain text.

Y15

Manufacturer's test certificate: According to EN 10204-2.2

C11

Spare parts

MWL handle shaft extension, 3.75 inch (95 mm)

Article No.

7MH7726-1AM

MWL module LH unit

7MH7723-1GU

MWL module RH unit

7MH7723-1GV

MWL handle

7MH7723-1GX

MWL retrofit kit (for Milltronics MSI, MMI belt scales)

7MH7723-1FW

MWL retrofit kit galvanized (for Milltronics MSI, MMI belt scales)

7MH7723-1JT

MWL retrofit kit (for Milltronics MCS belt scales)

7MH7723-1HA

MWL handle shaft extension galvanized [3.75 inch (95 mm)]

7MH7723-1JS

MWL module LH unit galvanized

7MH7723-1HK

MWL module RH unit galvanized

7MH7723-1HL

MWL handle galvanized

7MH7723-1HM

¹⁾ One MWL is required for each scale (MMI-2 requires 2 MWL).

²⁾ Select motor mounting, order code options M30 or M31.

³⁾ Available with weight type option 00 only.