

# MEGASHOR

## 1000kN propping and shoring system

**Megashor Shafts**

Code	Description	Weight
MSX15400	Megashor Leg 5400mm	301.54 kg
MSX14500	Megashor Leg 4500mm	253.7 kg
MSX12700	Megashor Leg 2700mm	159.18 kg
MSX11800	Megashor Leg 1800mm	111.9 kg
MSX10900	Megashor Leg 900mm	64.62 kg
MSX10450	Megashor Leg 450mm	44.58 kg
MSX10270	Megashor Leg 270mm	29.92 kg
MSX10090	Megashor Leg 90mm	21.70 kg
MSX10012	Megashor End Plate	9.4 kg

Mark 1 and Mark 2 Shafts have the same code numbers. If Mark 2 are required please specify Megashor Mark 2 when ordering. Mark 2 and 7 are 284 x 300mm.

Range 410-620mm  
AWL depends on extension

**Screw Jack**

Code	Description	Weight
MSX10011	Megashor Jack	59.1 kg

Max tilt angle  
45 degrees

**Rocking Head**

Code	Description	Weight
MSX10026	Megashor Rocking Head	46.12 kg

500 kN capacity  
Range 168-268mm

**Jack Plate**

Code	Description	Weight
MSX10021	Megashor Jack Plate	26.3 kg

For spreading loads and connecting braces

**Bracing Plate**

Code	Description	Weight
MSU10002	Megashor Brace Plate	60.57 kg

For raising, lowering and pre-loading AWL depends on extension

**Hydraulic Unit**

Code	Description	Weight
MSX10017	Megashor Hydraulic Unit	131.5 kg

Adjustable Vernier Brace  
Fixed Length Flat Brace

**Bracing**

Code	Description	Weight
MSX10034	Brace - Vernier Short Outer	7.59 kg
MSX10033	Brace - Vernier Short Inner	5.31 kg
MSX10006	Brace - Vernier Long Outer	10.99 kg
MSX10005	Brace - Vernier Long Inner	11.51 kg
MSX10003	Megashor Flat Brace per metre	3.69 kg

Used as a spreader plate for loads over 680 kN

**Jack Plate**

Code	Description	Weight
MSX10021	Megashor Jack Plate	26.3 kg

Used to stiffen joint between Super Slim and Megashor

**Plate Washer**

Code	Description	Weight
BNX20023	Megashor Plate Washer	1.0 kg

Used to transfer the loads into the Megashor shafts

**Header Beams**

Code	Description	Weight
MSX10009	M/shor Beam - Header 950mm	169.4 kg
MSX10010	M/shor Beam - Header 3300mm	674.3 kg
MSX10014	M/shor Beam - Header 3800mm	1036.0 kg
MSX10015	M/shor Beam - Header 5000mm	1313.54 kg

Other sizes available

Provides pedestrian access on facade retention schemes. Used in pairs

**Half Portal Frame**

Code	Description	Weight
MSX10013	Megashor Frame - Half Portal	450.13 kg

Increases the tensile capacity between the shafts

**Joint Stiffener**

Code	Description	Weight
MSX10024	Megashor Joint Stiffener	8.52 kg
BNX52002	M/Shor Screw Pl M52x160 Gr 8.8	3.4 kg
BNX52001	M/Shor Nut - Hex M52 Gr 8.8	1.1 kg

Used to attach plan braces to the Megashor shafts at joints

**Plan Bracing Cleat**

Code	Description	Weight
MSU10003	Megashor Cleat - Plan Brace	1.46 kg

Connects Super Slim props to Megashor shafts

**Prop Tube End Link**

Code	Description	Weight
SSU10013	Tube End Link - Prop	2.88 kg

Enables connection of push pull props to megashor shafts

**Prop Corner Angle**

Code	Description	Weight
SSU10003	Angle - Corner - Push/Pull	8.66 kg

Used with the Megashor shafts to form the Megatruss girder

**Node**

Code	Description	Weight
MSX10030	Megatruss - Node	67.8 kg

Used at the ends of the Megatruss girder

**End Bearer**

Code	Description	Weight
MSX10028	Megatruss - End Bearer	110.49 kg

Used with 0.95m header beam to support lower boom of truss

**Intermediate Bearer**

Code	Description	Weight
MSX10019	Megashor Intermediate Bearer	13.1 kg

Used to connect reinforcing chords to top and bottom chords of Megatruss

**Chord Spacer**

Code	Description	Weight
BNX20024	Megashor Chord Spacer	0.51 kg

Used to apply and remove loads in the Megashor Jacks

**Jack Spanner**

Code	Description	Weight
MSX10022	Megashor Jack Spanner	25.5 kg

Provides dedicated 5 tonne lifting point to the Megashor

**Lifting Point**

Code	Description	Weight
MSY10001	Megashor Lift Point	1.8 kg

Connections

Code	Description	Weight
BNU20005	Bolt/Nut - M20 x 40 Grade 8.8	0.24 kg
BNU20009	Bolt/Nut - M20 x 50 Grade 8.8	0.26 kg
BNU20011	Bolt/Nut - M20 x 60 Grade 8.8	0.28 kg
BNU20010	Set Pin - M20 x 60 C/Sink HT	0.18 kg
BNU16007	Set Pin - M16 x 40 HT	0.08 kg
BNU16009	Bolt/Nut - M16 x 60 Gr 8.8 ZP	0.11 kg
BNU16001	Nut - M16 Hexagon Plated	0.03 kg
BNU12009	Set Pin - M12 x 40 Gd 8.8 Plat	0.10 kg
BNX24002	Bolt - M24 x 110	0.55 kg
BNU24001	Nut - Hexagon M24	0.03 kg
BNX20100	Megashor Pin - M20 High Yield	0.40 kg
SSU10011	Tube Clip - Pivot	0.03 kg
BNU10050	Pin - Prop Brace M24/M20	0.40 kg

**Applications**

Megashor is a versatile system with a wide range of applications which can be used in both vertical and horizontal applications. Designs are carried out to BS 5975: Code of practice for design of Falsework.

For further assistance with any Megashor application please contact your local RMD Kwikform technical office or refer to the Megashor Technical Data Sheets.

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