Product List

This product list includes all parts necessary for most applications. For parts required for special applications, please refer to the MEVA price list. Dimensions are in centimetres (cm) unless another measure is shown.

Contents

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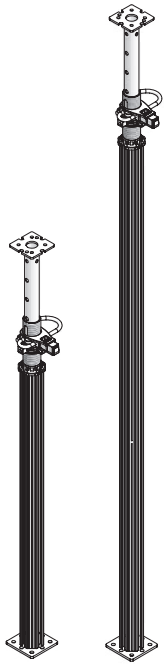
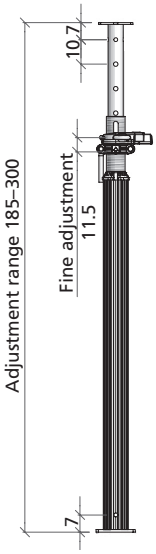
MEP props with SAS quick-lowering system

Complies with European Standard EN 1065, class E. The MEP prop has a steel inner tube and an aluminium outer tube with T-groove to attach reinforcing frames. The SAS quick lowering system allows the stress in the prop to be released with one strike of a hammer. After stripping the prop automatically resets and locks in the original position. The admisslible load capacity is as follows when used as a single prop: MEP 300 with SAS – 40 kN at all extensions; MEP 450 with SAS – 20 kN independent from the assembly position (or 30 kN if assembled with the inner tube downwards). Higher load capacities are permitted when used with MEVA formwork (see the MevaDec Technical Instruction Manual).

Ref. No.	Description / Application	m²	kg
29-907-70	MEP-prop 450 with SAS (300-450)		34.4
29-907-65	MEP-prop 300 with SAS (185-300)		24.4





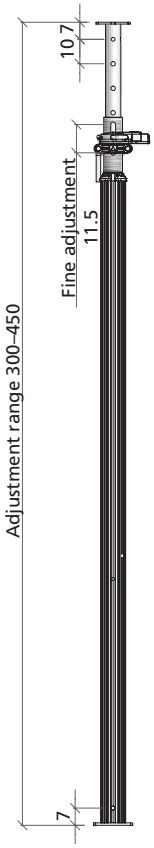


Plate inner tube

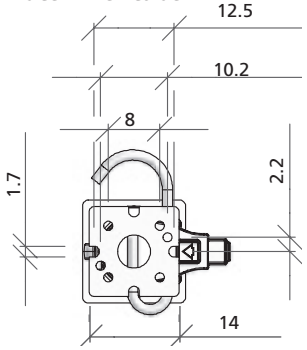
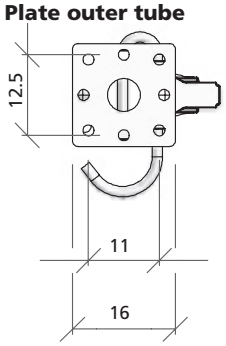


Plate outer tube



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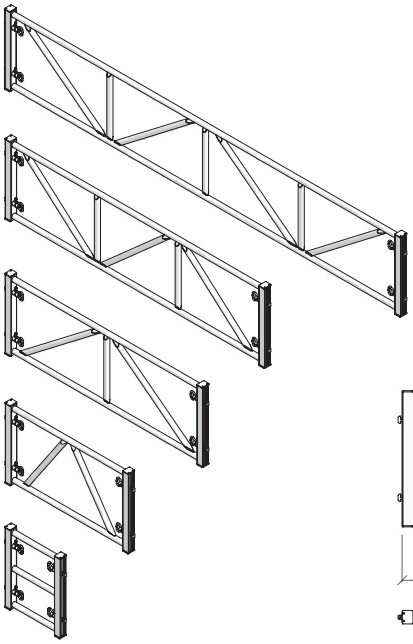
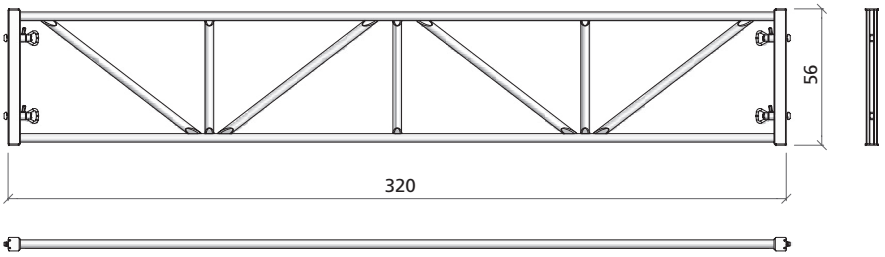
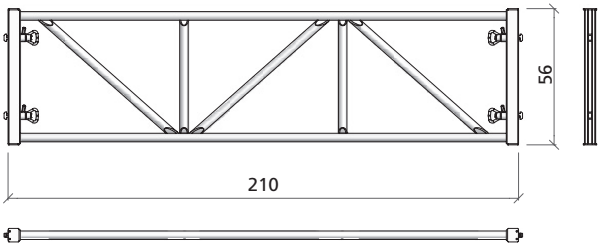
MEP frames

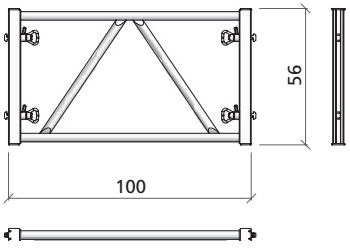
Aluminium. Reinforcing frame that is required when building towers with MEP props. The frames are attached to the aluminium outer tube of the MEP props or extension pieces using the integrated quick connector.

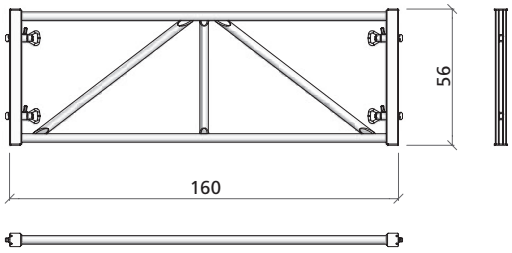
Ref. No.	Description / Application	m²	kg
29-909-30	MEP-frame 330		15.7
29-909-25	MEP-frame 220		11.9
29-909-20	MEP-frame 170		9.9
29-909-15	MEP-frame 110		7.8
29-909-10	MEP-frame 55		6.4

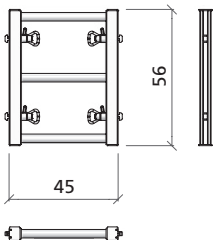


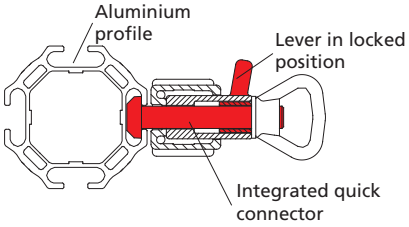












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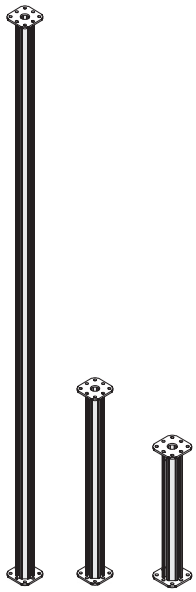
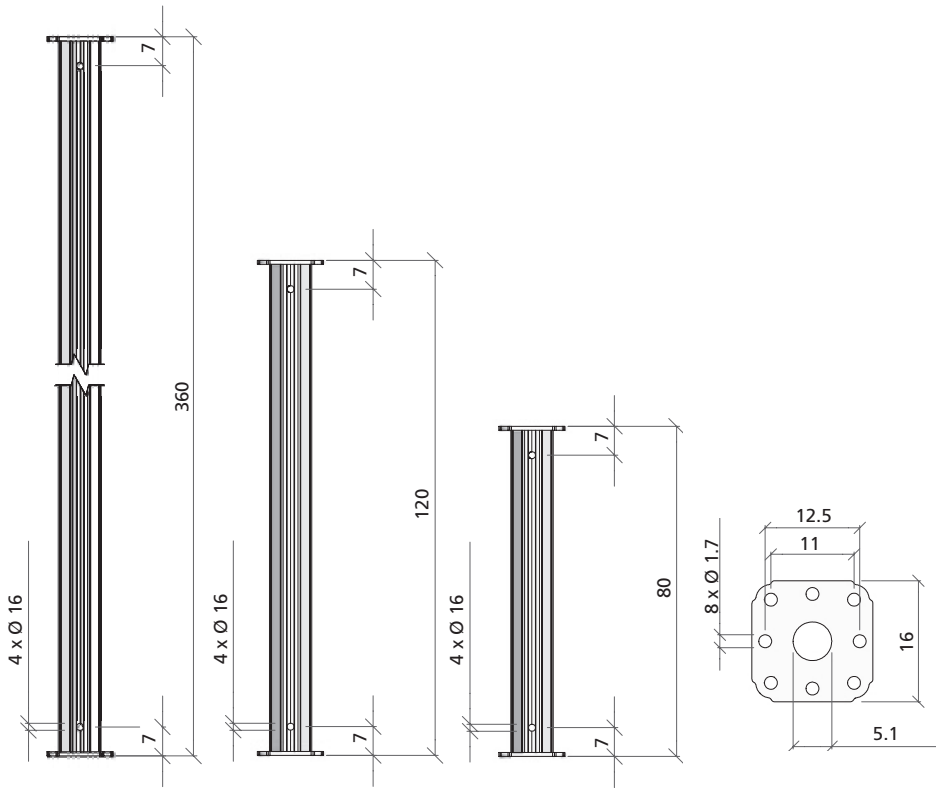
Extension pieces MEP

Aluminium profile (same as outer tube of MEP prop) with 2 foot plates. Is used to extend shoring towers. A plug connector MEP and 2 pins 14/135 are required.

Ref. No.	Description / Application	m²	kg
29-907-95	Extension piece 360 MEP		20.0
29-907-90	Extension piece 120 MEP		7.5
29-907-85	Extension piece 80 MEP		5.4

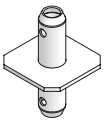


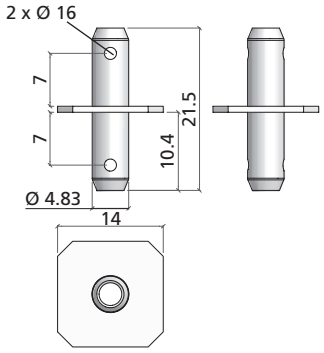


Plug connector MEP

Galvanized. Is used to connect MEP props and extensions. Together with 2 pins 14/135 the plug connectors provide a rigid connection.

Ref. No.	Description / Application	m²	kg
29-909-85	Plug connector MEP		1.8





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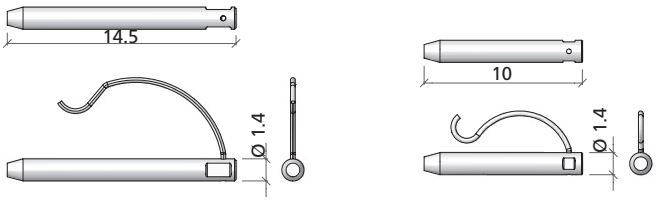
Pin

Galvanized. Is used to safely lock the plug connectors MEP at the profile of the MEP props and extension pieces, forked prop heads, MD drop heads etc. Pin 14/90 is used for the steel inner tube (with max. 63 mm Ø), pin 14/135 for the aluminium profile of the MEP props and extension pieces.

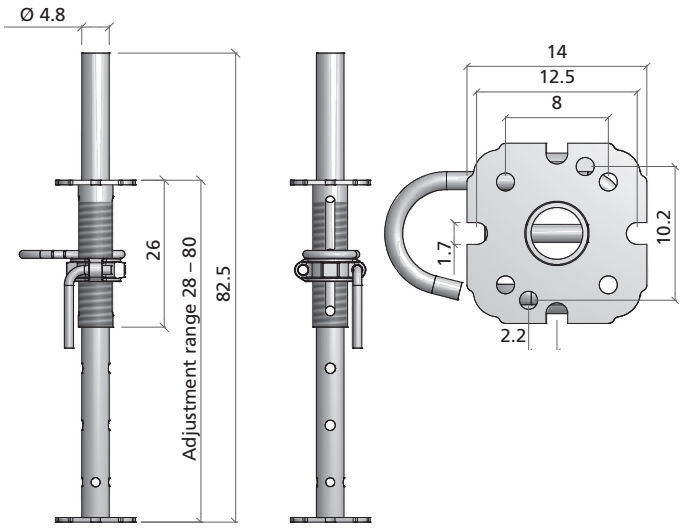
Ref. No.	Description / Application	m²	kg
29-909-90	Pin 14/135, (for MEP)		0.2
29-909-94	Pin 14/90		0.1

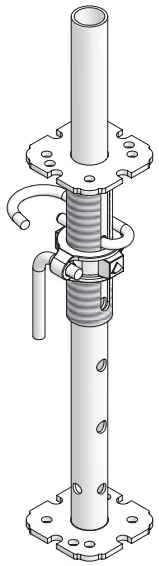


Spindle MEP

Galvanized steel spindle. Coarse adjustment with the G-hook, precise adjustment with the robust adjusting nut on the outside thread. The spindle can be bolted to the outer tubes of all MEP props and extension pieces by using four M16x40 screws and 4 nuts (screws must be ordered separately). The adjustment range is as follows: 28 to 80 cm, 68 to 120 cm with MD drop head, 36 to 81 cm with forked drop head plus the height of the selected stringer, 37.5 to 82.5 cm with calotte support MEP.

Ref. No.	Description / Application	m²	kg
29-909-70	Spindle MEP		8.0

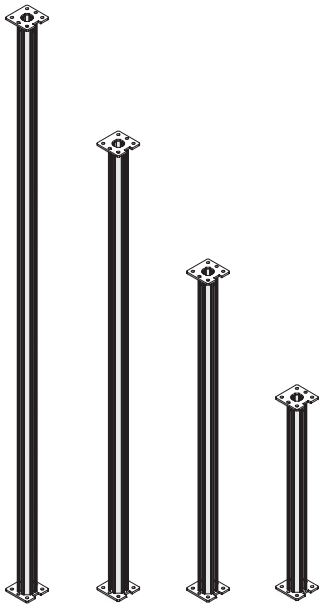


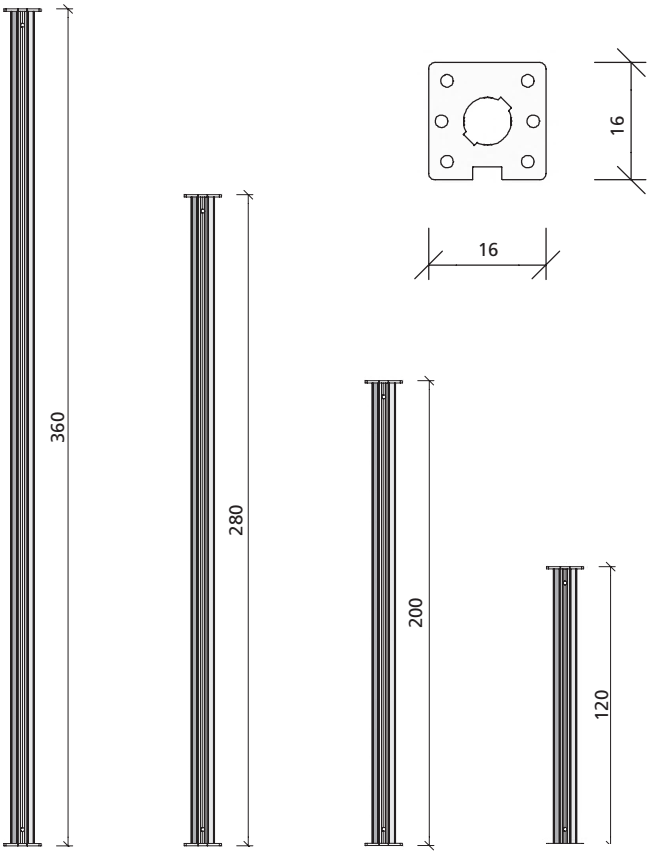


Basic prop 360 MEP-HD

Aluminum profile, coated, red. Is used with spindle MDP-HD as a single prop. Can be used with MEP frames to build shoring towers.

Ref. No.	Description / Application	m²	kg
29-906-45	Basic prop 360 MEP-HD		20.3
29-906-55	Basic prop 280 MEP-HD		16.0
29-906-65	Basic prop 200 MEP-HD		11.7
29-906-75	Basic prop 120 MEP-HD		7.4

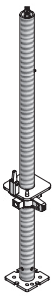


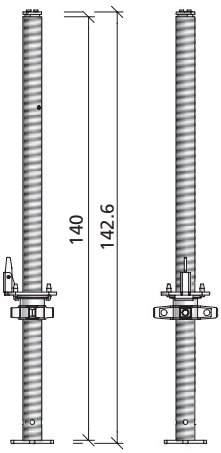


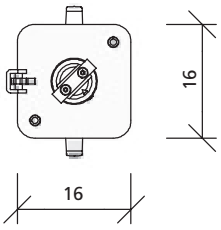
Spindle MEP-HD

Galvanized. Is attached to the MEP-HD basic prop and roughly aligned with its clip. Fine adjustment with lock nut. Adjustment range from 0 to 100 cm. The spindle turns the MEP-HD basic prop into a single prop.

Ref. No.	Description / Application	m²	kg
29-906-85	Spindle 140 MEP-HD		18.4







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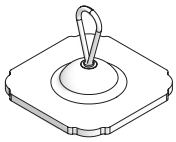
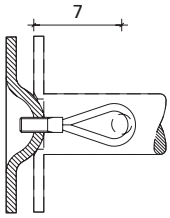
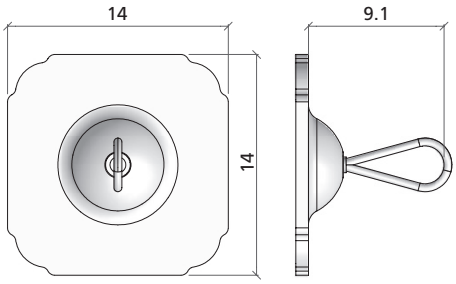
Calotte support MEP

Galvanized. Is used as foot plate for MEP props and extension pieces on sloped surface for perpendicular load transfer. Max. inclination on all sides is 5° or 9 %.

Ref. No.	Description / Application	m²	kg
29-909-75	Calotte support MEP		1.3



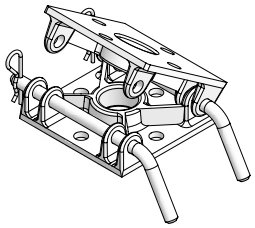


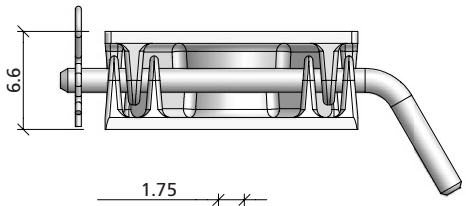


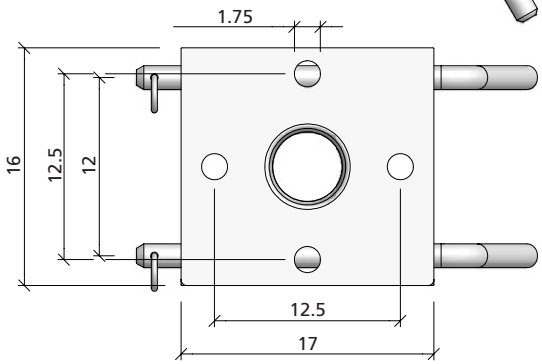
Folding part MEP

Galvanized. Allows props beneath slab tables to be folded so that with a transport spreader the slab tables including props can be moved out of the building and for example over parapets without detaching and re-attaching the props.

Ref. No.	Description / Application	m²	kg
29-910-10	Folding part MEP		5.8



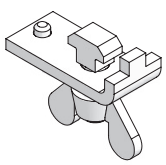


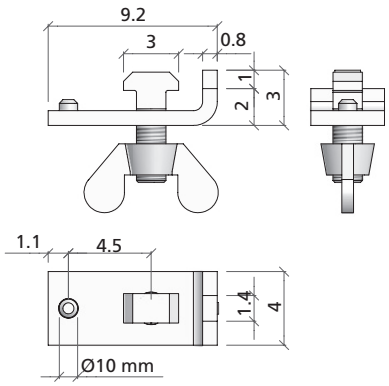


Beam clamp MEP

Is used to attach the MD beam to the prop or prop extension.

Ref. No.	Description / Application	m²	kg
29-909-80	Beam clamp MEP		0.5





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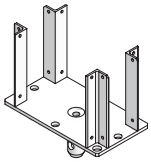
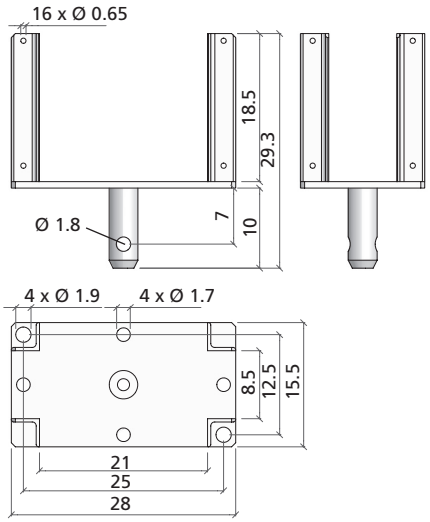
Forked prop head MEP

Galvanized. With DW thread to clamp stringers to the prop head. Is safely attached to the inner tube of MEP props with pins 14/90 or to the aluminium outer tube with pins 14/135.



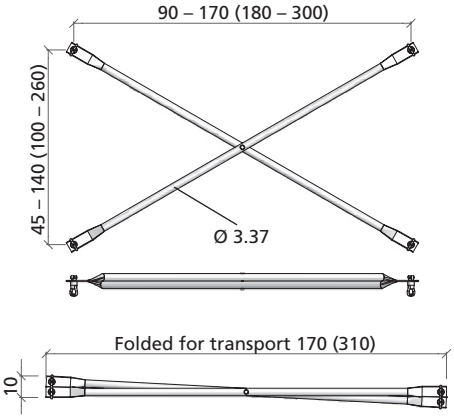
Ref. No.	Description / Application	m²	kg
29-910-00	Forked prop head MEP		4.7



Diagonal cross-brace MEP

Galvanized. Adjustable cross-brace made of steel tubes. Is used for bracing when prop spacing varies. The two figures 170/90 and 300/180 indicate the maximum and minimum prop spacing.

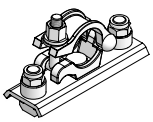
Ref. No.	Description / Application	m²	kg
29-909-60	Diagonal cross-brace 170/90 MEP		9.3
29-909-55	Diagonal cross-brace 300/180 MEP		15.3



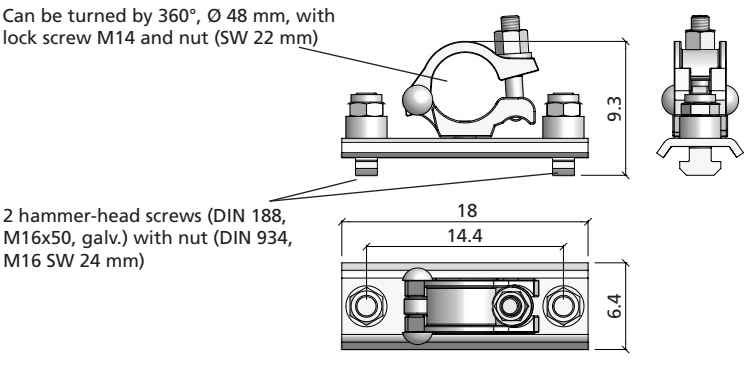
Die Zahlen in Klammer beziehen sich auf das Diagonalkreuz 300/180 MEP

Tube coupler DK 48 MEP

Galvanized. Is used to attach scaffold tubes Ø 48 mm to the aluminium outer tubes of MEP props or extension pieces.



Ref. No.	Description / Application	m²	kg
29-909-65	Tube coupler DK 48 MEP		1.7



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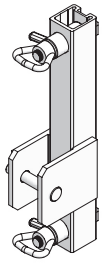
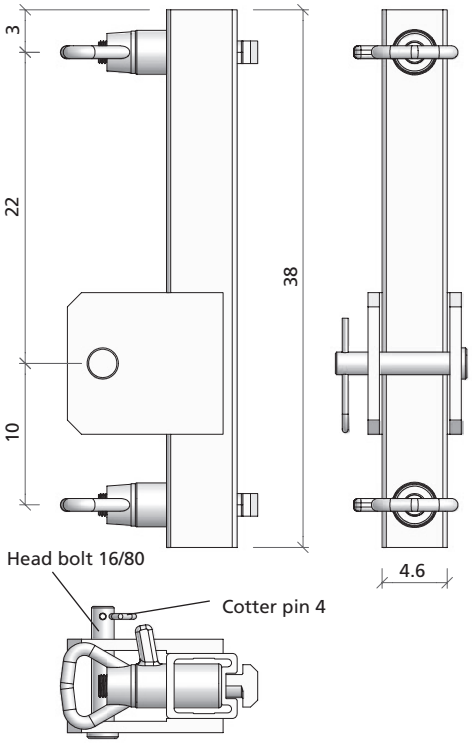
MEP connector for push-pull props

Galvanized. Is used to attach push-pull props to the aluminium outer tube of the MEP props or extension pieces.

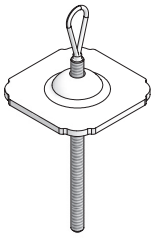


Ref. No.	Description / Application	m²	kg
29-910-60	MEP-connector for push-pull props		2.6

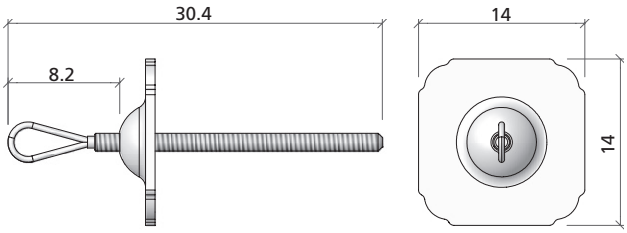


Prop connector

Galvanized. DW thread Ø 15 mm. Is used to attach props for horizontal bracing, e.g. in case of single-sided formwork. Length of thread approx. 20 cm.



Ref. No.	Description / Application	m²	kg
29-910-62	Prop connector		1.7



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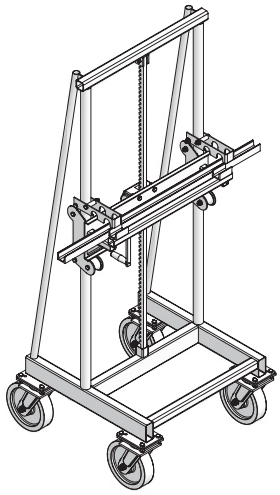
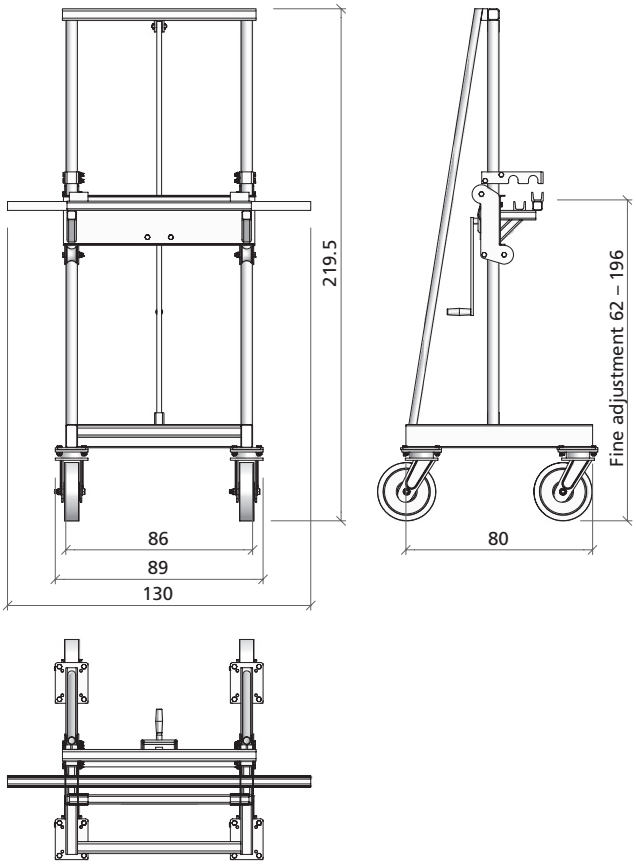
Lift truck MEP

Galvanized. Is used to lift and move shoring towers and slab tables. Height 2.12 m; load capacity 500 kg. Adjustment range from 62 to 196 cm. The lift truck is positioned below the MEP frames. Always 2 lift trucks are required. For use and safety check see the lift truck Operating Instructions.

Ref. No.	Description / Application	m²	kg
29-909-50	Lift truck MEP		130.0

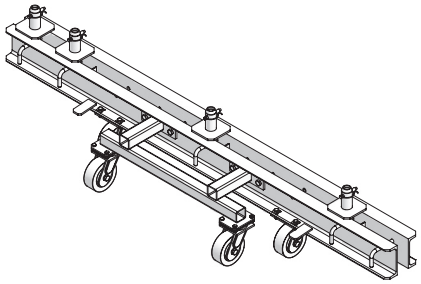


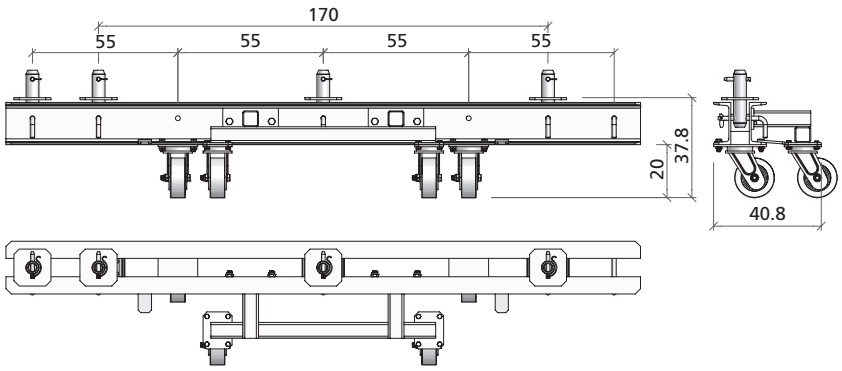


Transport waler MEP

Galvanized. Is used to move large shoring tower units. Length 2.4 m; load capacity 30 kN (3 tons); 4 wheels. The pre-assembled plug connectors can be adjusted to MEP frames 55, 110, 170 and 220. The number of required walers is determined by the size of the shoring tower unit to be moved. For use and safety check see the transport waler Operating Instructions.

Ref. No.	Description / Application	m²	kg
29-910-80	Transport waler MEP		150.0





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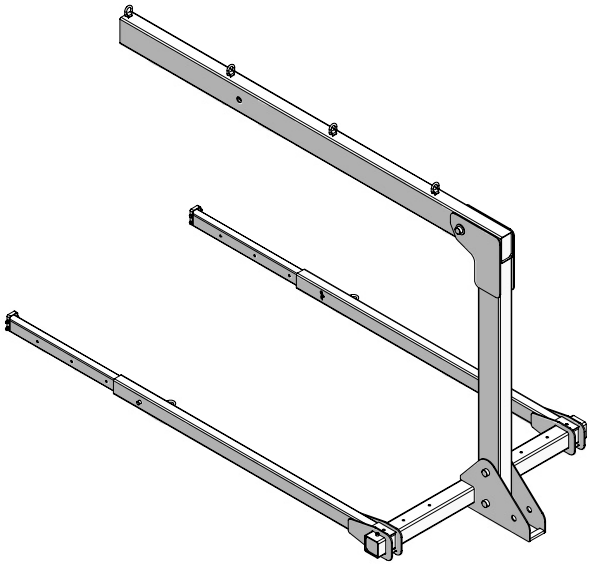
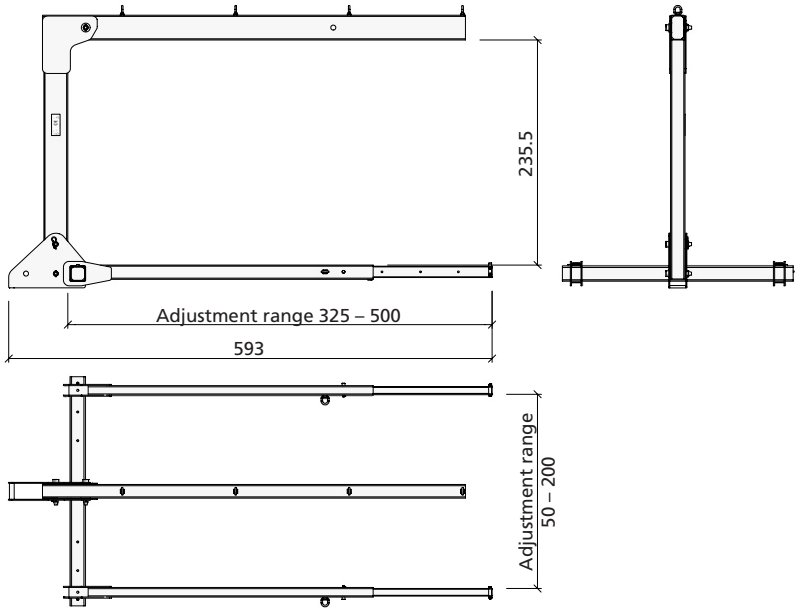
Transport spreader 250/540

Galvanized, foldable. Max. load capacity 10 kN (1 ton). Is used to move slab tables with a crane. Length can be adjusted from 3.25 m to 5.00 m and width from 0.50 m to 2.00 m. For use and safety check see the transport spreader Operating Instructions.

Ref. No.	Description / Application	m²	kg
29-910-90	Transport spreader 250/540		733.0

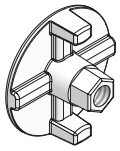


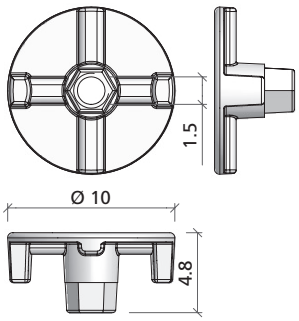


Flange nut 100

Forged, galvanized. DIN 18216.
DW thread Ø 15 mm, plate Ø 100 mm,
SW 27. Admissible load capacity 90 kN.

Ref. No.	Description / Application	m²	kg
29-900-20	Flange nut 100 (SW 27, forged)		0.7





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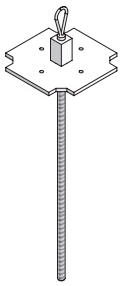
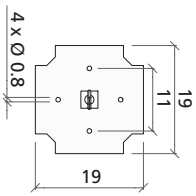
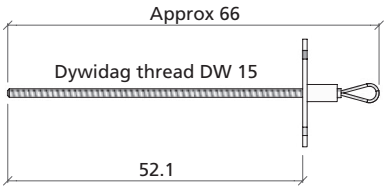
Crane hanger MEP

Galvanized. DW thread Ø 15 mm. Is used to move slab tables. Load capacity 10 kN (1 ton). Always 4 crane hangers are required for transport. A flange nut 100 must be ordered separately. Length of thread 52 cm.



Ref. No.	Description / Application	m²	kg
29-910-05	Crane hanger MEP (load capacity: 10 kN)		3.5





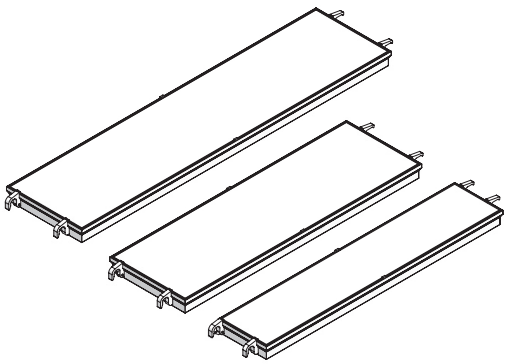
Connectors

Not shown. Is used to attach MD drop heads or MEP spindles to the MEP props or extension pieces.

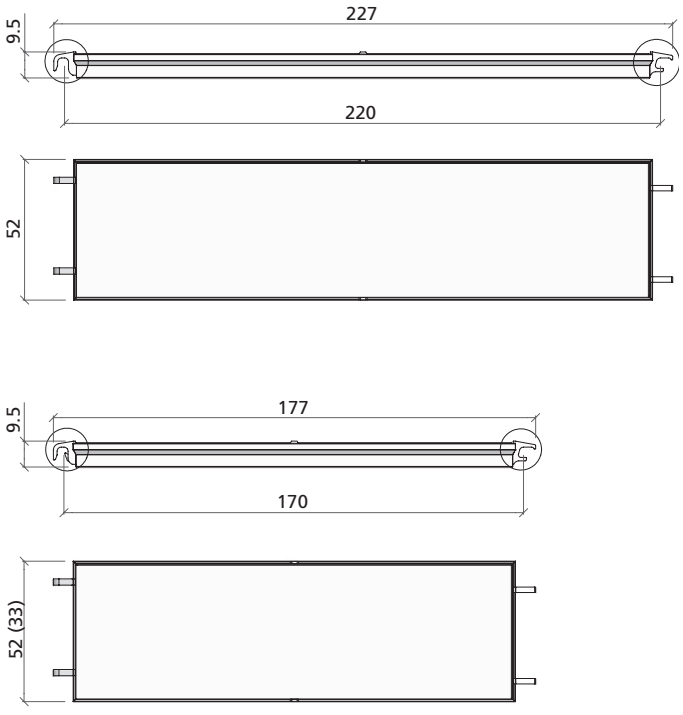
Ref. No.	Description / Application	m²	kg
63-120-49	Hexagonal screw M16x40, (for MEP), galv., DIN 933		
63-130-00	Hexagonal locking nut M16, (for MEP), galv., DIN 985		
62-030-42	Washer M16, (for MEP), galv., DIN 125		

MEP scaffold platforms

Aluminium frame with wooden planks, self-locking. Harmonized with the dimensions of the MEP shoring system to allow for working platforms in great heights, e.g. for the application of MevaDec.



Ref. No.	Description / Application	m²	kg
29-910-20	MEP-scaffold platform 220/52		15.0
29-910-25	MEP-scaffold platform 170/52		12.4
29-910-30	MEP-scaffold platform 170/33		9.6



The numbers in parentheses refer to the MEP-scaffold platform 170/33 MEP

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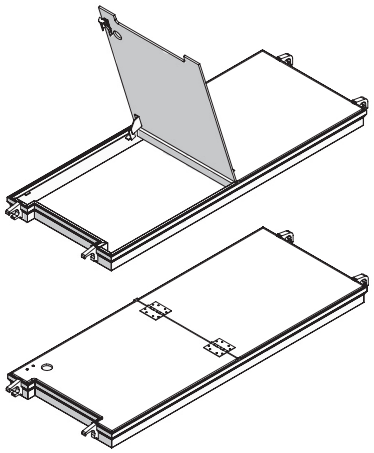
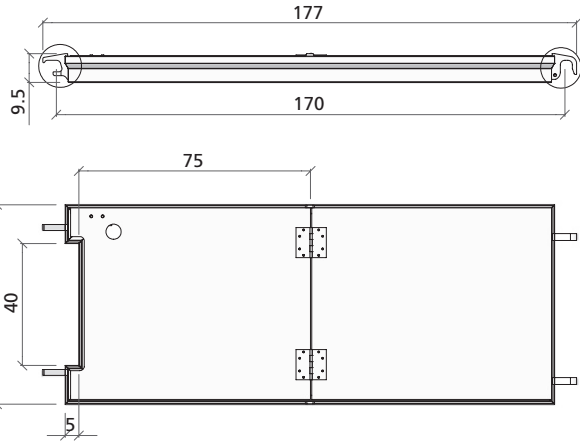
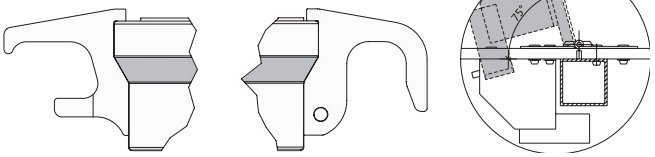
Scaffold platform with access hatch

Aluminium frame with wooden planks and access hatch, without ladder, self-locking. Harmonized with the dimensions of the MEP shoring system to allow for working platforms in great heights, e.g. for the application of MevaDec. MEP scaffold platforms 170/33 are used as supplement.



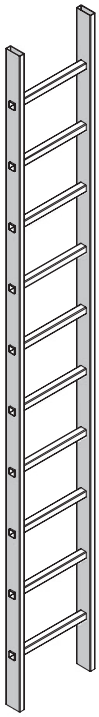
Ref. No.	Description / Application	m²	kg
29-910-35	Scaffold platform 170/66 with access hatch		14.7



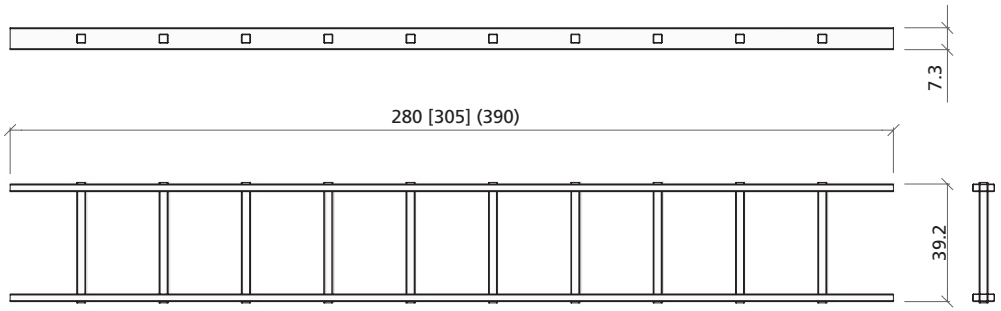


MEP ladder for hatchway

Aluminium, for MEP scaffold platforms, length 2.95 m.



Ref. No.	Description / Application	m²	kg
29-910-65	MEP-ladder for hatchway 280		5.0
29-910-72	MEP-ladder for hatchway 305		6.0
29-910-74	MEP-ladder for hatchway 390		8.0



The numbers in parentheses refer to the MEP-ladder for hatchway [305] bzw. (390) MEP

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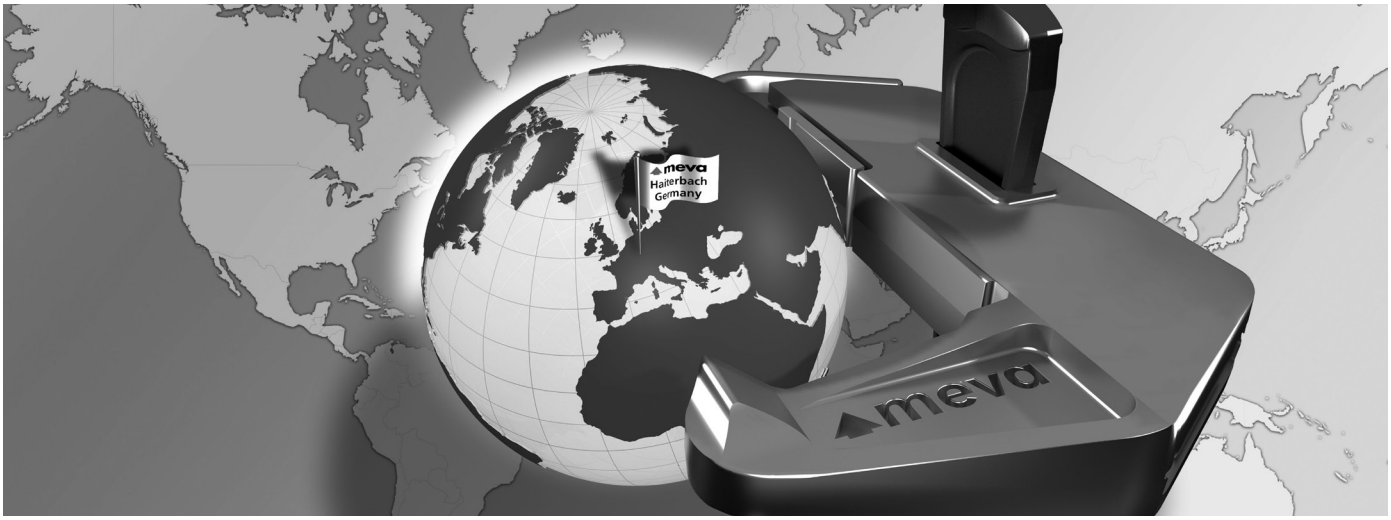

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