Product list

Please note

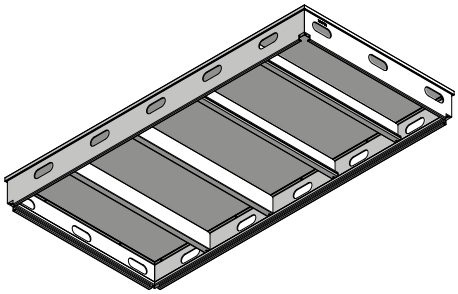
This product list includes all parts necessary for most applications. For parts required for special applications, please refer to the MEVA price list. Dimensions are in centimetres (cm) unless a different unit is shown.

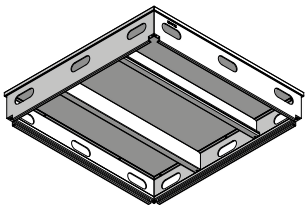
Contents

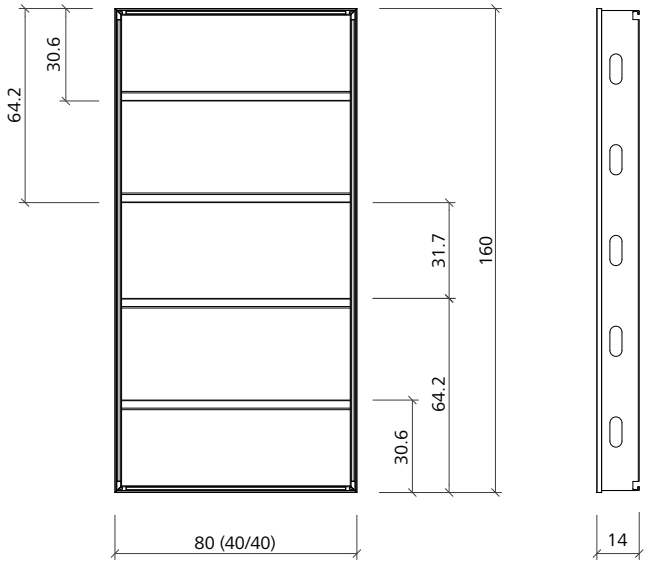
MevaDec-e

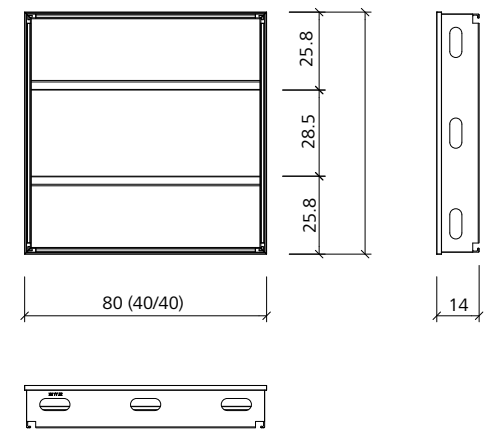
Aluminium with AL 10 facing or with 10 mm birch plywood facing (BP = birch ply). Easy to clean due to a high-quality cured powder coating.

Ref. No.	Description / Application		m²	kg
22-305-10	MevaDec-e AL	160/80	1.28	20.7
22-305-15	MevaDec-e AL	160/60	0.96	16.7
22-305-20	MevaDec-e AL	160/40	0.64	12.8
22-305-30	MevaDec-e AL	80/80	0.64	11.5
22-305-35	MevaDec-e AL	80/60	0.48	9.2
22-305-40	MevaDec-e AL	80/40	0.32	6.9
22-305-09	MevaDec-e BP	160/80	1.28	18.3
22-305-14	MevaDec-e BP	160/60	0.96	14.9
22-305-19	MevaDec-e BP	160/40	0.64	11.6
22-305-29	MevaDec-e BP	80/80	0.64	10.3
22-305-34	MevaDec-e BP	80/60	0.48	8.3
22-305-39	MevaDec-e BP	80/40	0.32	6.3





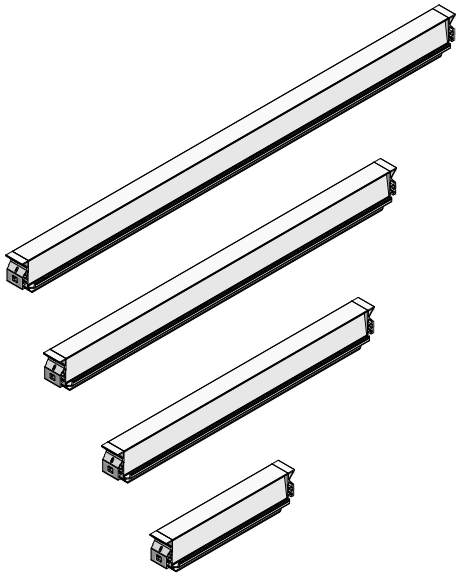


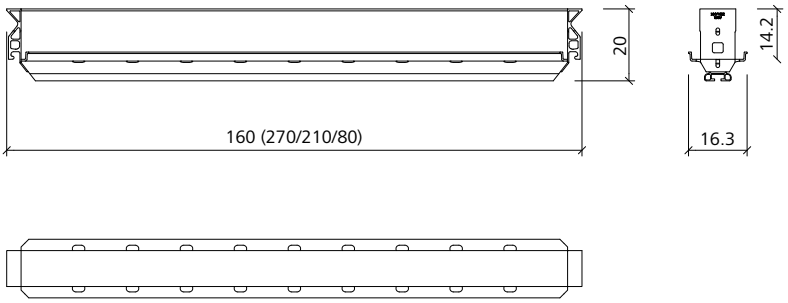


MevaDec-e primary beam

Aluminium with high-quality cured powder coating. In conjunction with the MevaDec-e drop head, it forms the load-bearing system of MevaDec-e. Punched support grooves reduce the cleaning effort.

Ref. No.	Description / Application	m²	kg
22-305-50	MevaDec-e primary beam 270		22.0
22-305-55	MevaDec-e primary beam 210		17.2
22-305-60	MevaDec-e primary beam 160		13.1
22-305-65	MevaDec-e primary beam 80		6.7

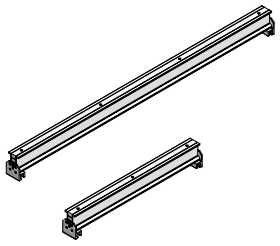


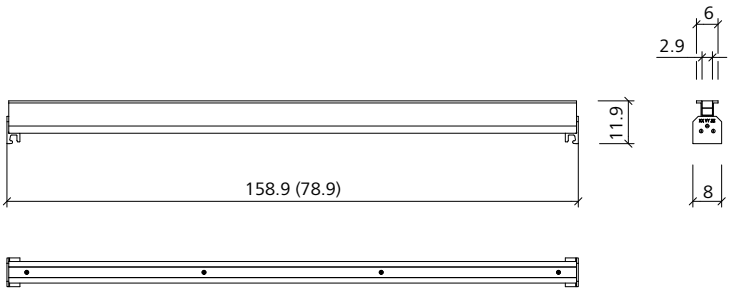


MevaDec-e secondary beam

Aluminium profile with nailing strip. If used with the drop-head-beam-panel method, it is used for length compensation purposes.

Ref. No.	Description / Application	m²	kg
22-305-80	MevaDec-e secondary beam 160/21		6.9
22-305-85	MevaDec-e secondary beam 80/21		3.6

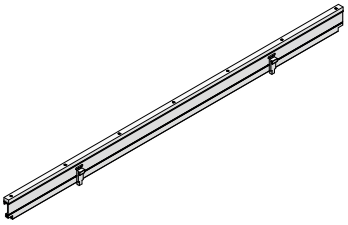


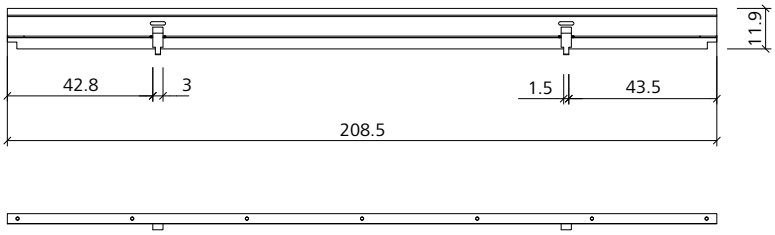


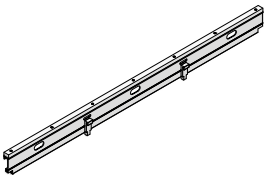
MevaDec-e compensation beam

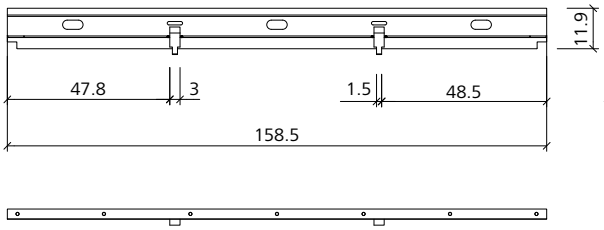
Aluminium with high-quality cured powder coating. Equipped with a nailing strip for job-built length compensation. For facing thickness of 21 mm.

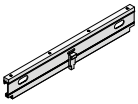
Ref. No.	Description / Application	m²	kg
22-306-10	MevaDec-e compensation beam 210/21		5.9
22-306-20	MevaDec-e compensation beam 160/21		4.5
22-306-30	MevaDec-e compensation beam 80/21		2.3
22-306-40	MevaDec-e compensation beam 60/21		1.7
22-306-50	MevaDec-e compensation beam 40/21		1.2

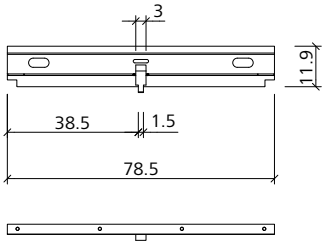


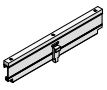


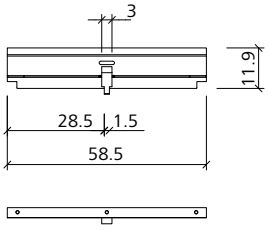


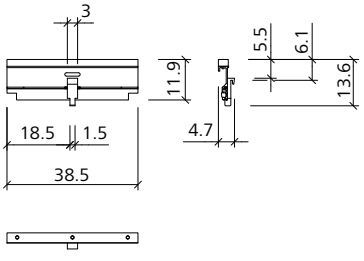






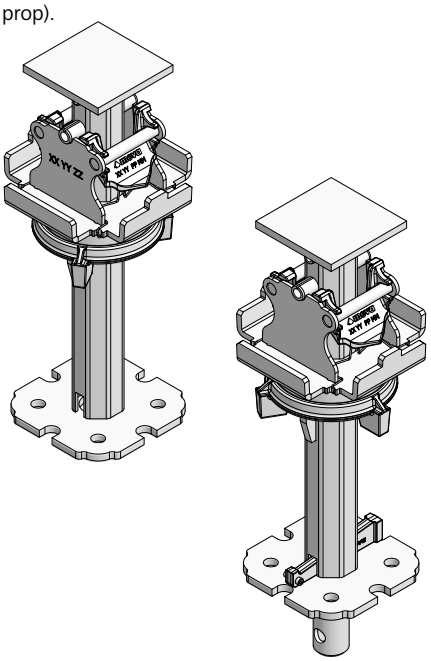




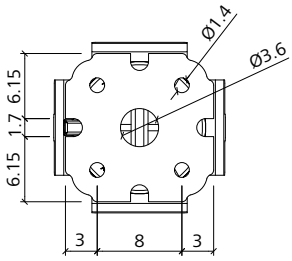


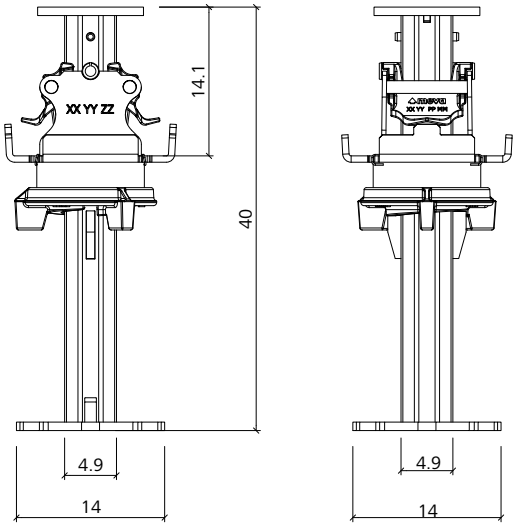
MevaDec-e drop head

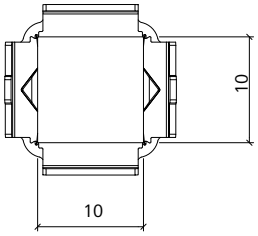
Galvanized, partially with high-quality cured powder coating. A safety latch prevents disengagement. Enables the MevaDec-e primary beam as well as the panels to be lowered. These can then be removed and are available for use during the next cycle. The drop head still supports the concrete slab ("early stripping"). The MevaDec-e drop head is attached to the prop with four M12 x 35 screws and M12 locking nut (EuMax) or with four M16 x 40 screws and M16 locking nut (to the aluminium profile of the MEP prop). The MevaDec-e drop head (plug-in version) is secured with pin 14/90e (EuMax) or pin 14/135 (to the aluminium profile of the MEP prop).



Ref. No.	Description / Application	m²	kg
29-301-10	MevaDec-e drop head		6.8
29-301-05	MevaDec-e drop head (plug-in version)		7.3

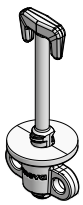




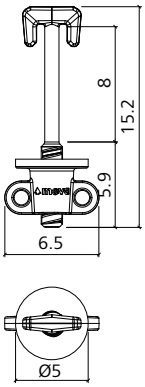


MevaDec-e panel connector

Galvanized. Used to connect MevaDec-e panels to each other.

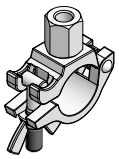


Ref. No.	Description / Application	m²	kg
29-303-00	MevaDec-e panel connector		0.3

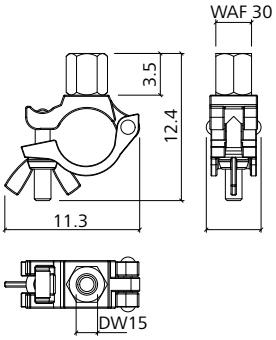


MevaDec-e upliftprotect f. panel connector

With tube coupler to enable it to be screwed on the MevaDec-e panel connector. Used to anchor the slab formwork.

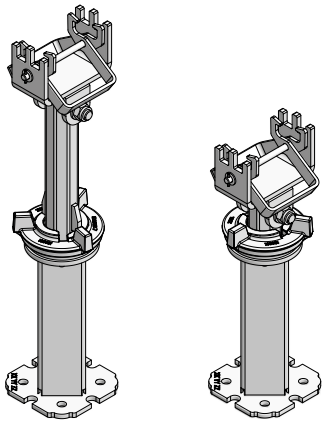


Ref. No.	Description / Application	m²	kg
29-303-20	MevaDec-e upliftprotect f. panel connector		0.8

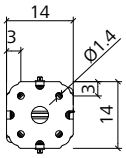


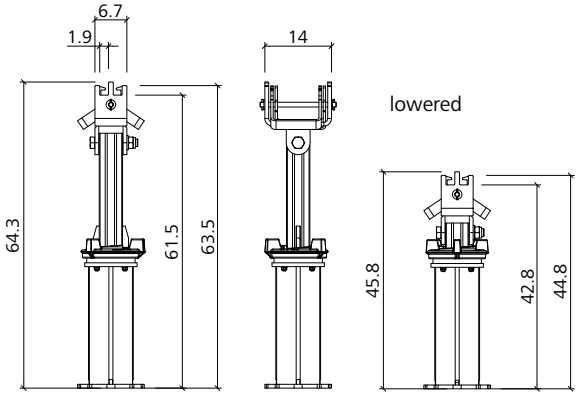
MevaDec-e prop connector lowerable panel

Steel. Allows the slab formwork to be lowered by approx. 19 cm and thus facilitates early stripping of the directly supported MevaDec-e panels. For use where MevaDec-e panels directly abut the wall.



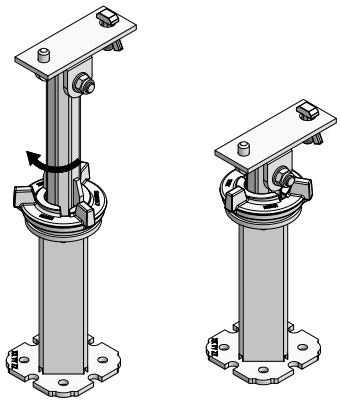
Ref. No.	Description / Application	m²	kg
29-301-30	MevaDec-e prop connector lowerable panel		8.4



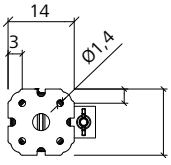


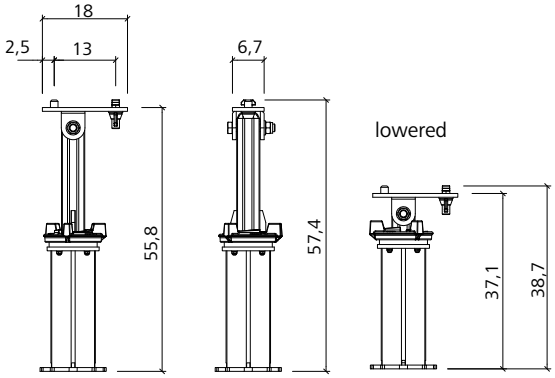
MevaDec-e prop connector lowerable beam

Steel. Allows the slab formwork to be lowered by approx. 19 cm and facilitates early stripping of the MevaDec-e primary beam. For use where MevaDec-e primary beams directly abut the wall.



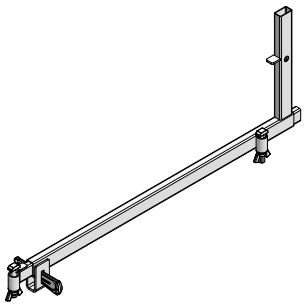
Ref. No.	Description / Application	m²	kg
29-301-20	MevaDec-e prop connector lowerable beam		7.6



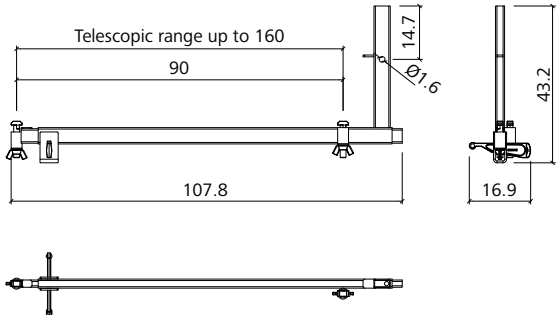


MevaDec-e support GRP pr. beam adjust.

Steel, galvanized, telescopic. Used to attach the guard-railing post to the MevaDec-e primary beam.

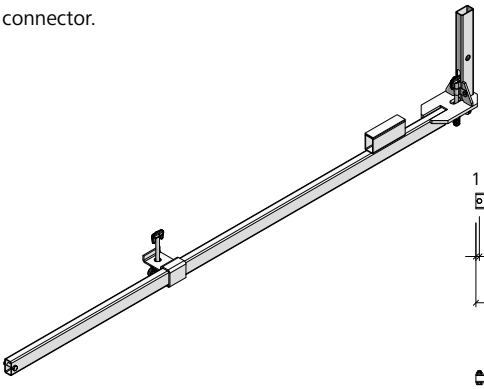


Ref. No.	Description / Application	m²	kg
29-303-05	MevaDec-e support GRP pr. beam adjust.		5.8

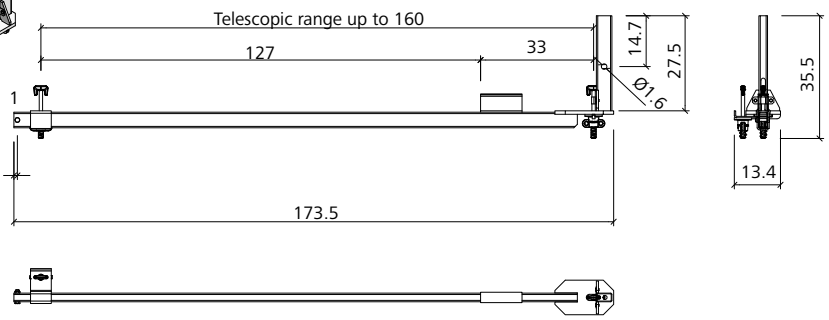


MevaDec-e support GRP panel 160

Steel, galvanized. Used to attach the guard-railing post to the MevaDec-e panel, including sliding part with integrated panel connector.

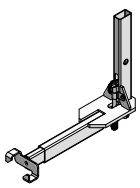


Ref. No.	Description / Application	m²	kg
29-303-10	MevaDec-e support GRP panel 160		7.0

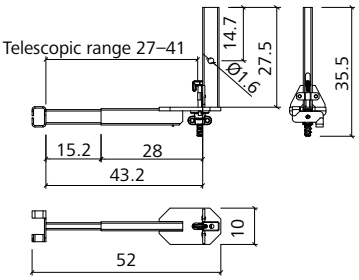


MevaDec-e support GRP panel adjust.

Steel, galvanized, telescopic. Used to attach the guard-railing post to the MevaDec-e panel in corner areas. Attached to the support for guard-railing post for panel 160.



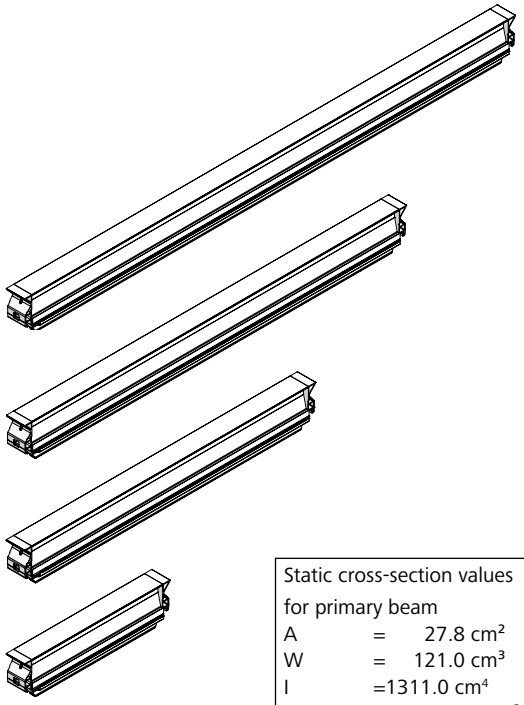
Ref. No.	Description / Application	m²	kg
29-303-15	MevaDec-e support GRP panel adjust.		3.3

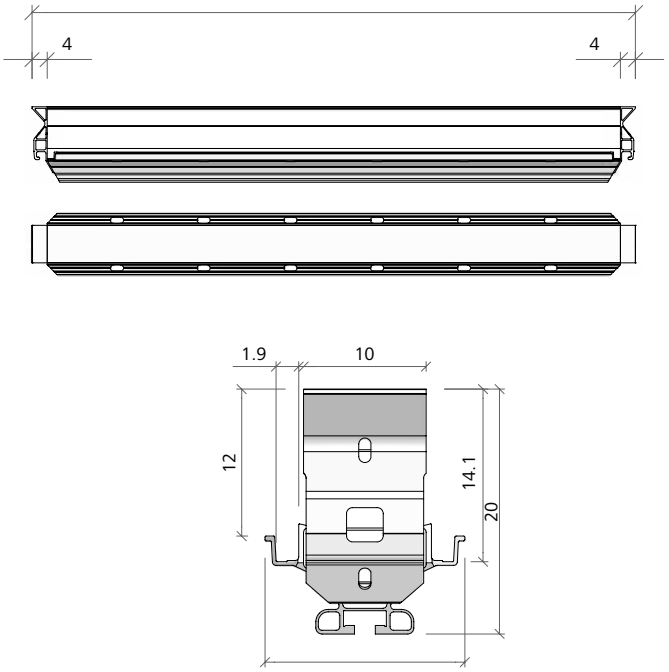


MevaDec primary beam

Aluminium with cured powder coating. In conjunction with the MD drop head, it forms the load-bearing system of MevaDec. Punched support grooves reduce the cleaning effort.

Ref. No.	Description / Application	m²	kg
72-300-98	MD primary beam 270	0.27	24.0
72-301-00	MD primary beam 210	0.21	18.0
72-301-10	MD primary beam 160	0.16	14.0
72-301-20	MD primary beam 80	0.08	7.4





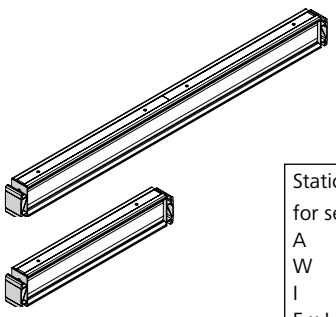
Static cross-section values for primary beam

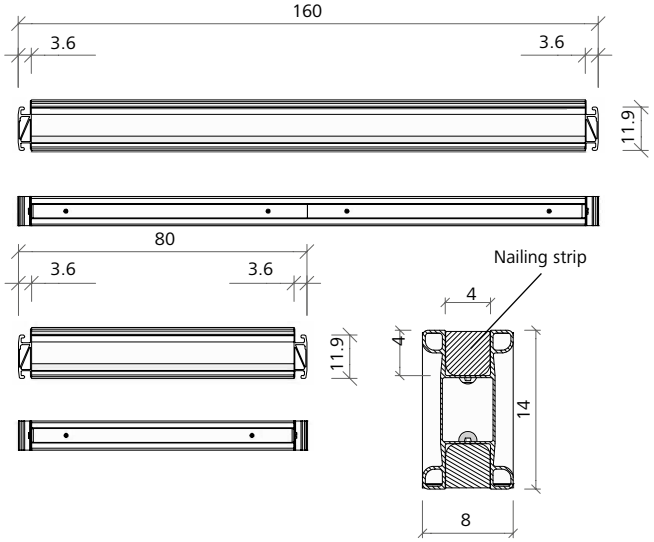
A	=	27.8 cm²
W	=	121.0 cm³
I	=	1311.0 cm⁴
E x I	=	918.0 kNm²
Perm. Q	=	66.6 kN
Perm. M	=	16.5 kNm

MD secondary beam

Aluminium profile with plastic nailing strip on both sides. If used with the primary-and-secondary-beam method, it supports the facing; if used with the drop-head-beam-panel method, it is used for length compensation purposes.

Ref. No.	Description / Application	m²	kg
72-301-50	MD secondary beam 160	0.02	9.0
72-301-60	MD secondary beam 80	0.01	4.0



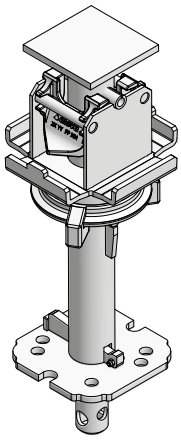


Static cross section values for secondary beam

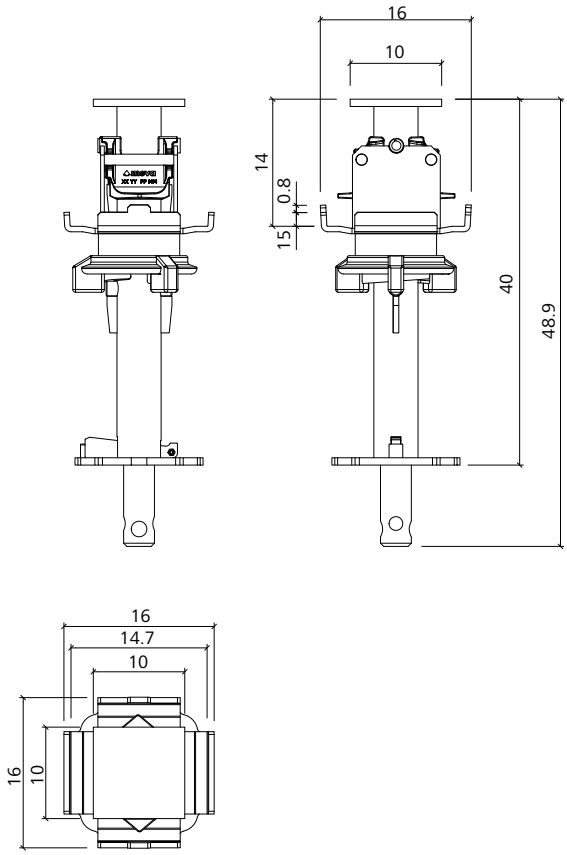
A	=	14.6 cm²
W	=	43.0 cm³
I	=	305.0 cm⁴
E x I	=	213.0 kNm²
Perm. Q	=	43.0 kN
Perm. M	=	5.9 kNm

MD drop head

Galvanized, partially with cured powder coating. A safety latch prevents disengagement. Enables the MD primary and secondary beams as well as the panels to be lowered by 19 cm. These can then be removed and are available for use during the next cycle. The drop head still supports the concrete slab (“early stripping”). The MD drop head (plug-in version) is attached to the prop with four M12 x 35 screws and M12 locking nut (EuMax) or with four M16 x 40 screws and M16 locking nut (to the aluminium profile of the MEP props) or secured with pin 14/90 (EuMax) or pin 14/135 (to the aluminium profile of the MEP prop).

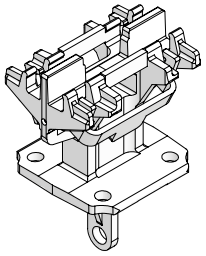


Ref. No.	Description / Application	m²	kg
79-301-45	MD drop head (plug-in version)	0.01	8.3

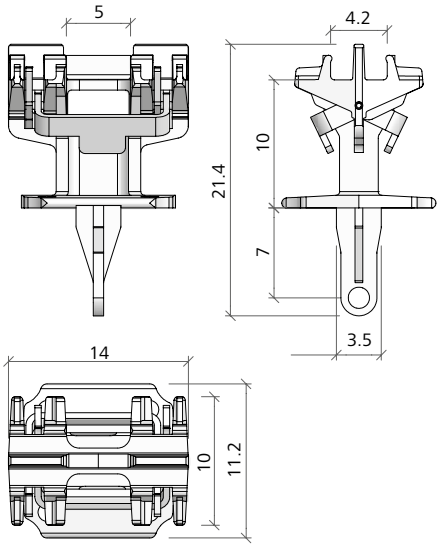


MD prop head

Galvanized, with cured powder coating. Supports the MD panels and secures them automatically to prevent them lifting out. The panels can be inserted both from below and from above. The MevaDec-e prop head (plug-in version) is attached with four M12 x 35 screws and M12 locking nut (EuMax) or with four M16 x 40 screws and M16 locking nut (to the aluminium profile of the MEP props) or secured with pin 14/90 (EuMax) or pin 14/135 (MEP props with aluminium profile).

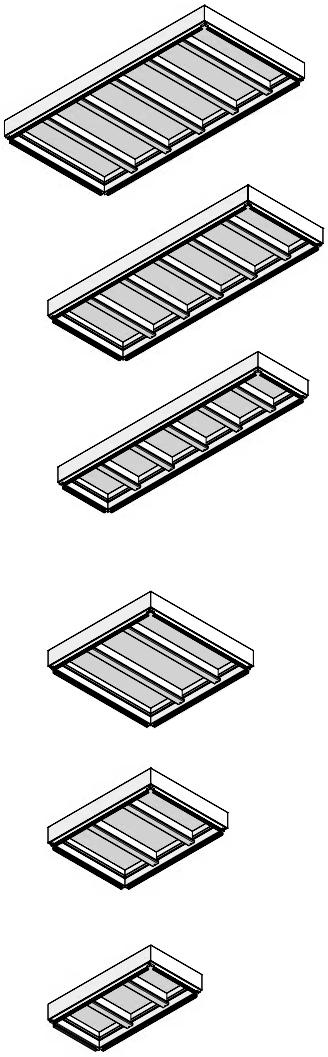


Ref. No.	Description / Application	m²	kg
79-301-85	MD prop head (plug-in version)		2.7

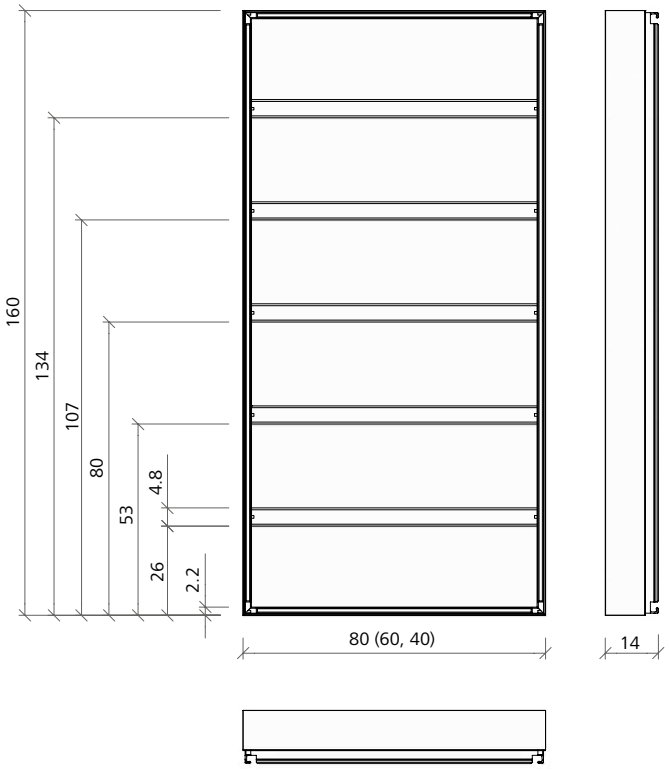


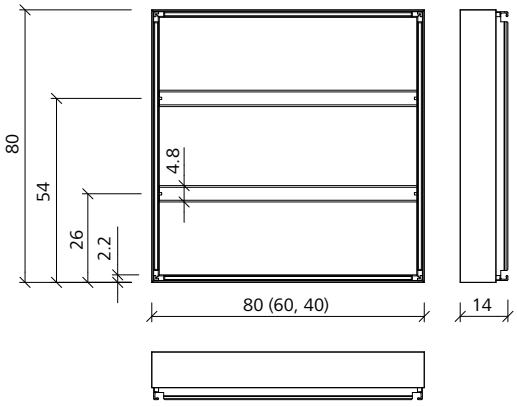
MD panels

The frames of the MD panels consist of closed two-chamber aluminium profiles and are thus torsionally rigid. They are easy to clean due to a high-quality cured powder coating. The panels have a height of 14 cm and the frame profiles have a width of 22 mm. The MD panels are equipped with alkus all-plastic facings as standard.



Ref. No.	Description / Application		m²	kg
72-300-51	MD panel	160/ 80	1.28	22.1
72-300-56	MD panel	160/ 60	0.96	17.9
72-300-61	MD panel	160/ 40	0.64	13.5
72-300-71	MD panel	80 /80	0.64	11.8
72-300-76	MD panel	80/ 60	0.48	9.5
72-300-81	MD panel	80/ 40	0.32	7.4

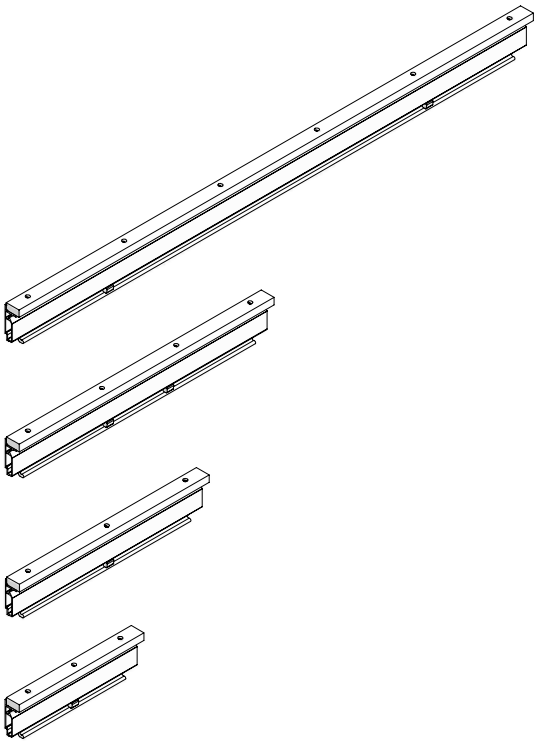


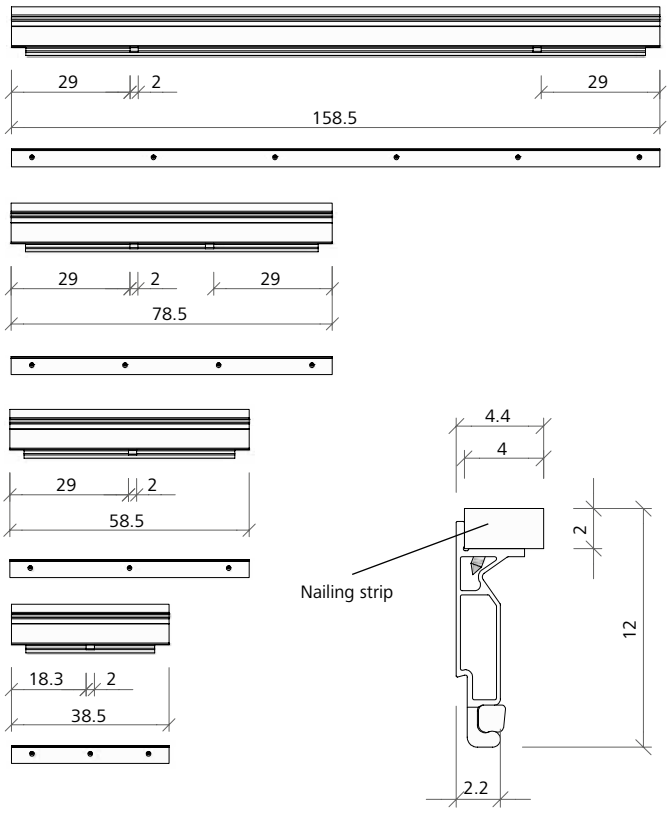


MD compensation beam

Aluminium with cured powder coating. Equipped with a nailing strip for job-built length compensation. For facing thickness 21 mm, also available with 27 mm.

Ref. No.	Description / Application	m²	kg
72-302-50	MD compensation beam 160		5.0
72-302-60	MD compensation beam 80		3.0
72-302-80	MD compensation beam 60		1.7
72-302-70	MD compensation beam 40		1.0

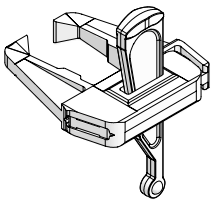


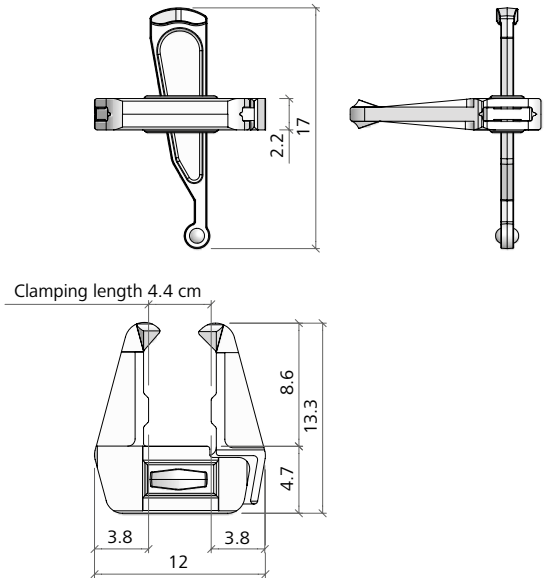


MD assembly lock

Galvanized. Tightly connects and aligns MD panels with each other as well as the MD compensation beam with the MD panels. Clamping length 4.4 cm.

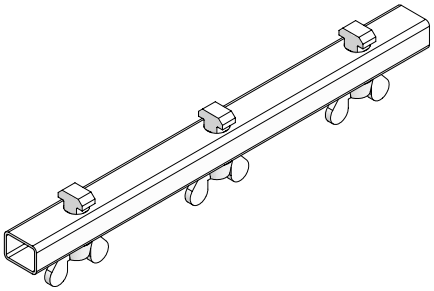
Ref. No.	Description / Application	m²	kg
29-302-25	MD assembly lock		1.4



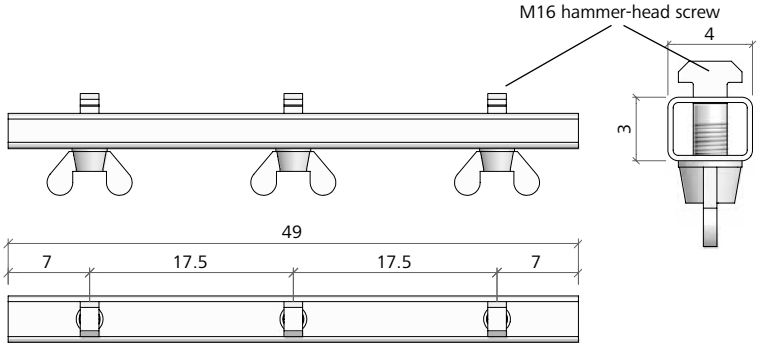


MD beam stiffener

Galvanized. Used to secure overhanging primary beams to prevent them lifting out (e.g. at slab edges).

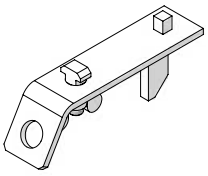


Ref. No.	Description / Application	m²	kg
29-301-90	MD beam stiffener		1.8

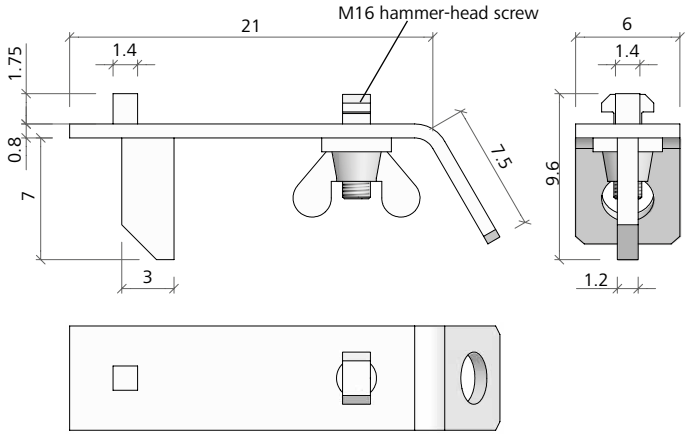


MD prop connector

Galvanized. Used to directly support the primary beam in areas where a drop head cannot be used, e.g. for intermediate supports or overhanging primary beams. It is attached to the underside of the primary beam using the integrated hammer-head screw. The prop connector is equipped with an eyelet to attach a tensioning chain to anchor the slab formwork to the ground, e.g at slab edges.

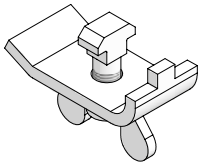


Ref. No.	Description / Application	m²	kg
29-302-30	MD prop connector		2.0

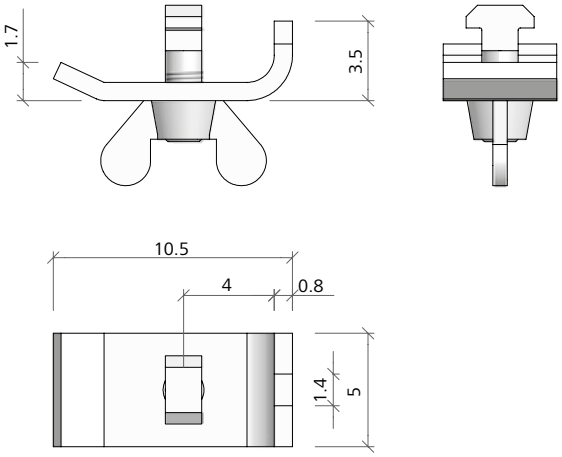


MD safety claw

Galvanized. Used to clamp planks to the underside of the primary beam. When using MEP props, the safety claw can be used to attach a tripod to the aluminium profile.

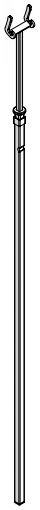


Ref. No.	Description / Application	m²	kg
29-302-10	MD safety claw		0.5

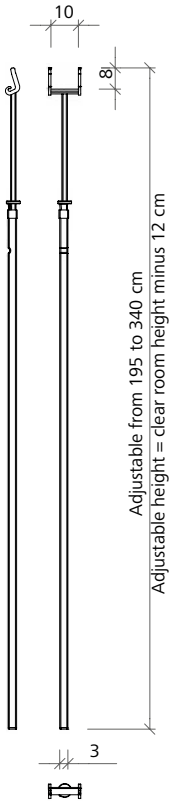


MD assembly stick 340

Galvanized. Simplifies assembly when using the panel method. The panels are simply swung up and temporarily supported by the MD assembly stick. We recommend using two sticks for smooth assembly. The stick has an adjustment range from 1.95 to 3.40 m.

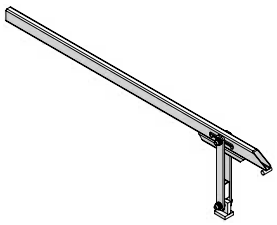


Ref. No.	Description / Application	m²	kg
29-302-35	MD assembly stick 340		4.1

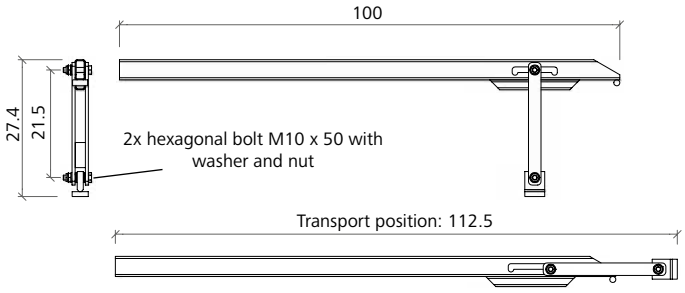


MD dismantling auxiliary

Galvanized. Used to strip primary beams if these stick to the slab due to a high level of concrete adhesion or significantly inclined props.

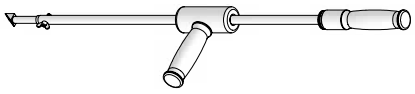


Ref. No.	Description / Application	m²	kg
29-302-40	MD dismantling auxiliary		2.9

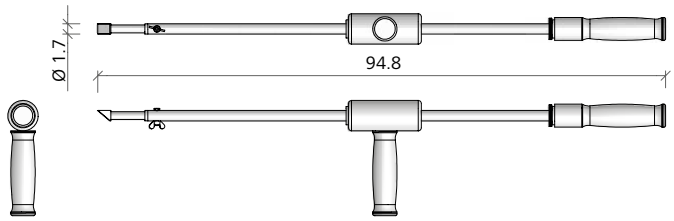


Cleaning scraper

Galvanized. Used to clean the groove of the MD primary beam.



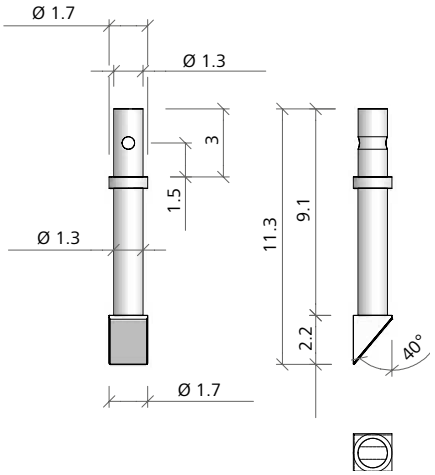
Ref. No.	Description / Application	m²	kg
29-905-90	Cleaning scraper		2.8



Spare blade for cleaning scraper

Spare part

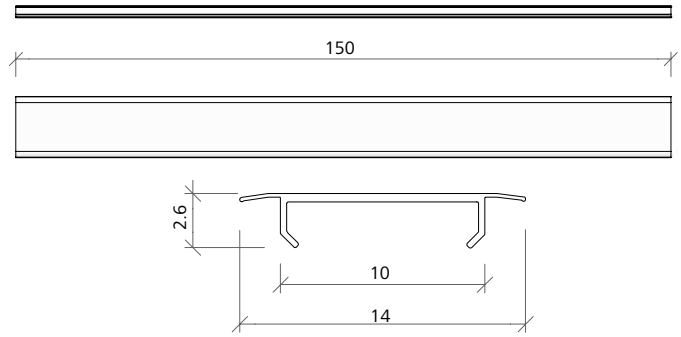
Ref. No.	Description / Application	m²	kg
40-092-55	Spare blade for cleaning scraper		0.1



MD cover profile 10

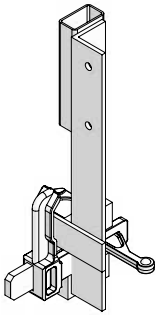
Plastic cover. Used to close the gap between two panels when using the drop-head-beam-panel method. Length 1.50 m.

Ref. No.	Description / Application	m²	kg
29-302-60	MD cover profile 10 l = 1.5 m		1.1

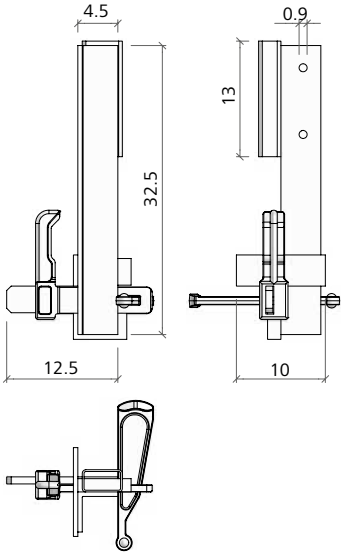


MevaDec-e support for guard-railing post /panel

Galvanized. Enables a guard-railing post to be attached to the panels and is used to form a stop end at the edge of the slab.

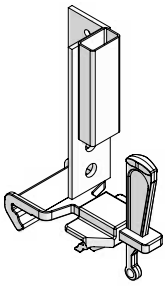


Ref. No.	Description / Application	m²	kg
79-301-60	MD support for guard-railing post /panel		2.9

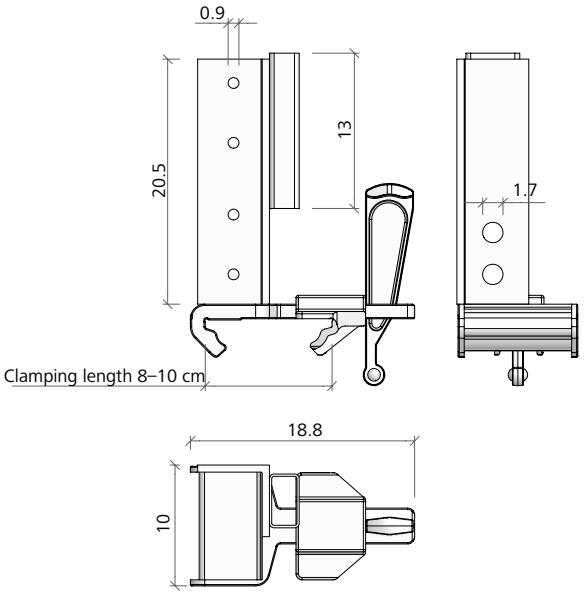


MevaDec-e support for guard-railing post /beam

Galvanized. Enables a guard-railing post to be attached to primary and secondary beams and is used to form a stop end at the edge of the slab with primary and secondary beams.



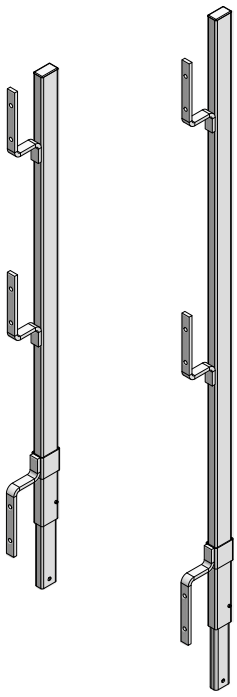
Ref. No.	Description / Application	m²	kg
79-301-70	MD support for guard-railing post /beam		2.0

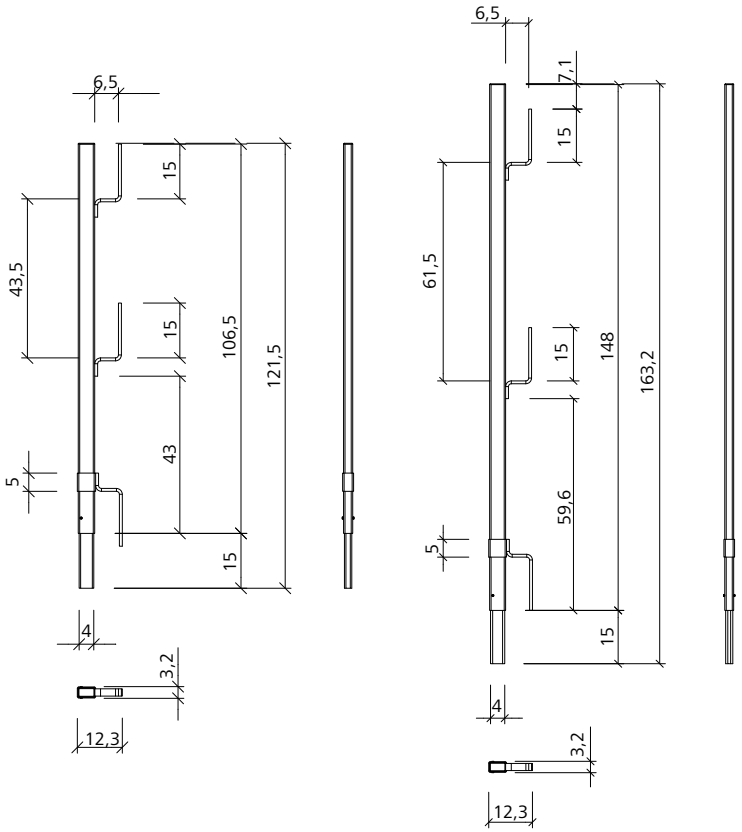


Guard-railing post

Galvanized. Is plugged into the MD support for guard-railing post (panel or beam).

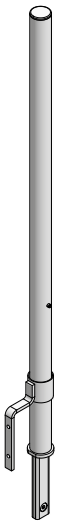
Ref. No.	Description / Application	m²	kg
29-106-75	Guard-railing post 100		3.7
29-106-85	Guard-railing post 140		4.7



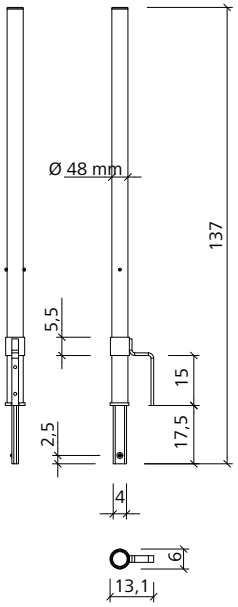


Guard-railing post 48

Galvanized. Equipped with an adapter to allow it to be plugged into the walkway bracket and with Ø48 mm tube to allow scaffold couplers to be attached.

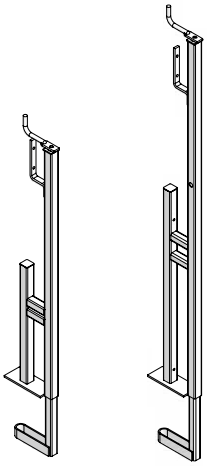


Ref. No.	Description / Application	m²	kg
29-106-80	Guard-railing post 48/120 UK		5.5

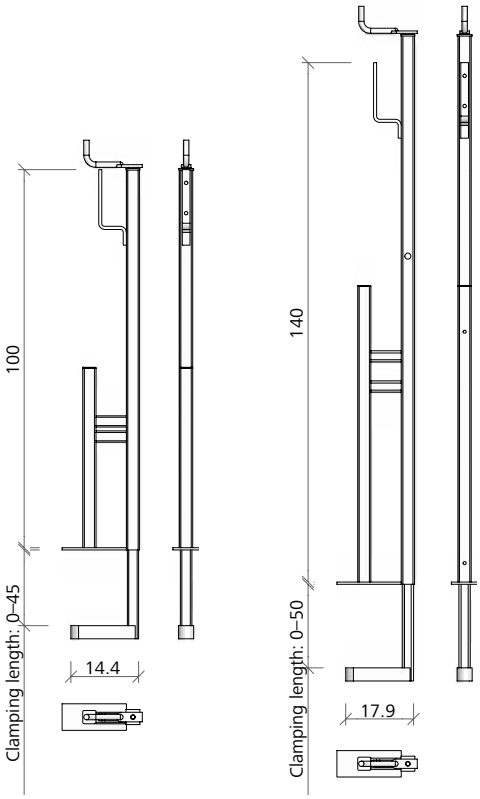


Railing clamp

Painted. Can be clamped to all kind of beams or at slab edges as side protection. Railing clamp 100 with height 100 cm and clamping length 45 cm. Railing clamp 140 with height 140 cm and clamping length 50 cm.

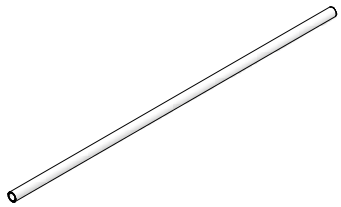


Ref. No.	Description / Application	m²	kg
29-107-20	Railing clamp 100		6.6
29-107-25	Railing clamp 140		9.4



Scaffold tube

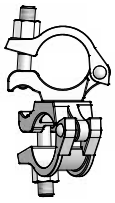
Galvanized. Used as a handrail in combination with guard-railing post 48.



Ref. No.	Description / Application	m²	kg
29-412-23	Scaffold tube 48/200		9.4
29-412-26	Scaffold tube 48/300		14.1
29-412-27	Scaffold tube 48/400		18.8
29-412-25	Scaffold tube 48/500		23.5
29-412-28	Scaffold tube 48/600		28.2

Swivel-joint coupler 48/48

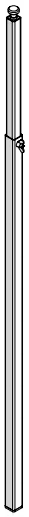
Galvanized. Connects two scaffold tubes with Ø48.3 mm at any angle.



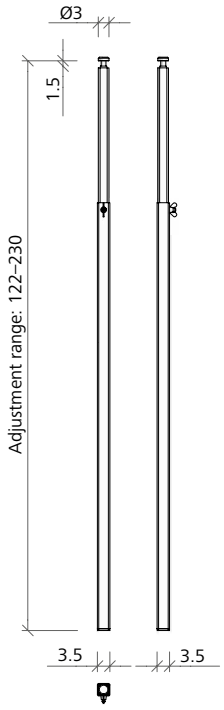
Ref. No.	Description / Application	m²	kg
29-412-52	Swivel-joint coupler 48/48		1.2

MD laser support

Aluminium. Mounted on the underside of the primary beam to allows a single person to level the slab formwork.



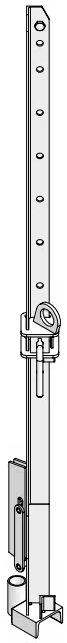
Ref. No.	Description / Application	m²	kg
29-302-50	MD laser support		1.9

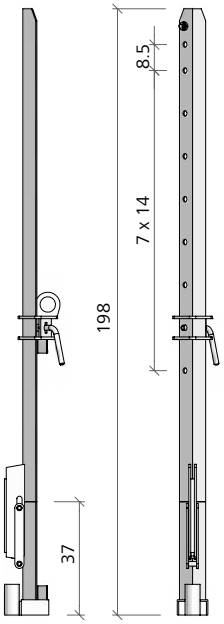


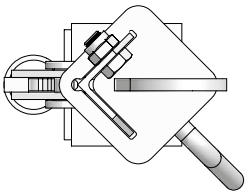
Transport angle 14

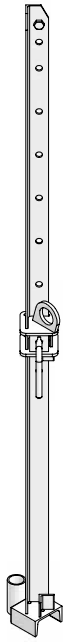
Used to stack and transport MevaDec panels. Distance between holes 14 cm. The transport angle allows 5 to 12 panels to be move at one time. We recommend using two foldable angles and two rigid angles per stack. Max. load capacity is 10 kN per transport angle. For safety reasons the maximum capacity of the entire stack is 20 kN.

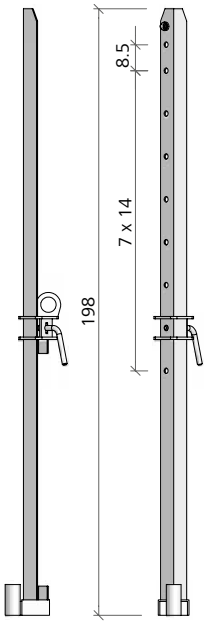
Ref. No.	Description / Application	m²	kg
29-305-30	Transport angle 14		17.0
29-305-35	Transport angle 14, rigid type		12.9

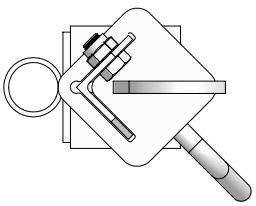






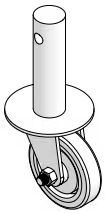




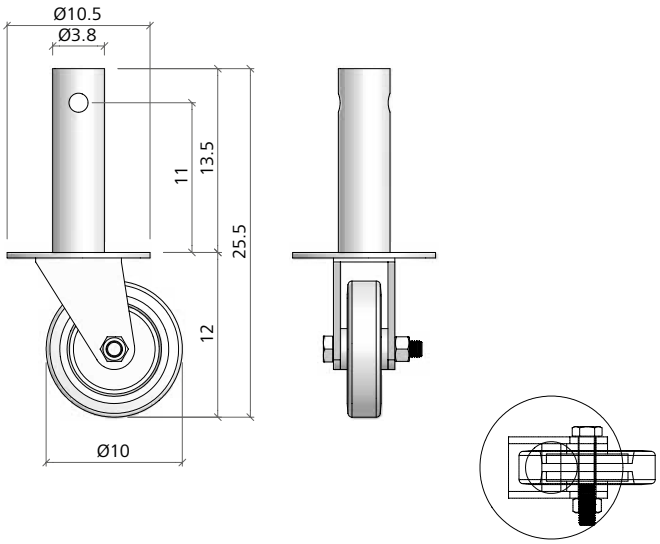


Swivel-type castor 100

Four swivel-type castors 100 allow panel stacks to be transported in the transport angle 14 as well as in the MD transport rack. The load capacity per castor is 1 kN. The overall height of the stack including castors is 2.10 m with transport angle 14 and 2.45 m with the MD transport rack.

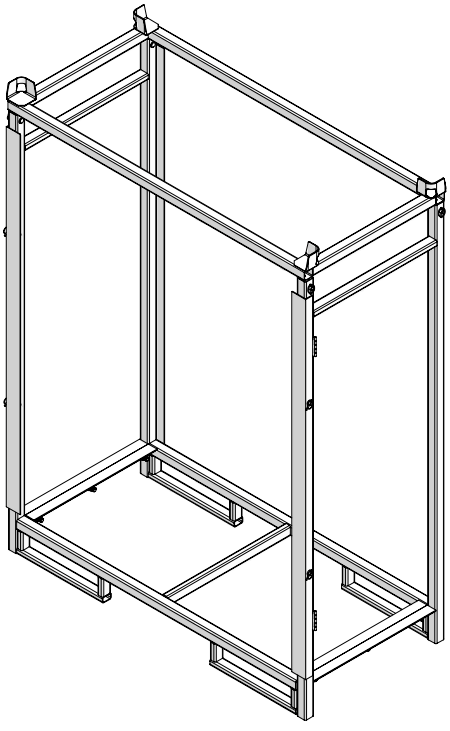


Ref. No.	Description / Application	m²	kg
29-305-95	Swivel-type castor 100		1,2

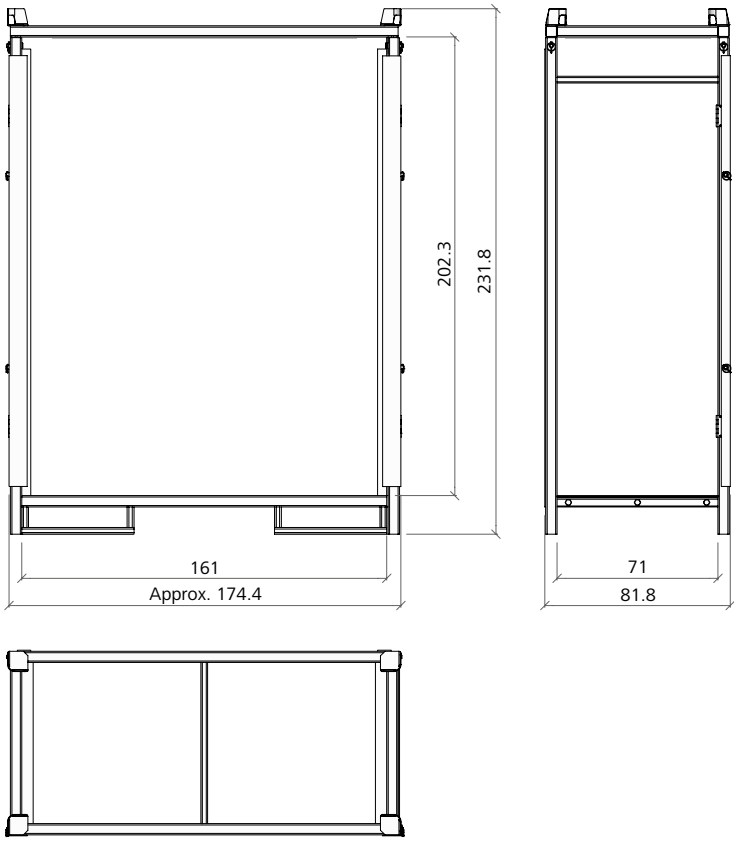


MD transport rack

Galvanized. Stackable. Used to stack and transport up to 14 MevaDec 160/80 cm panels. Two MD transport racks can be stacked (length x width x height: 175 x 82 x 232 cm).



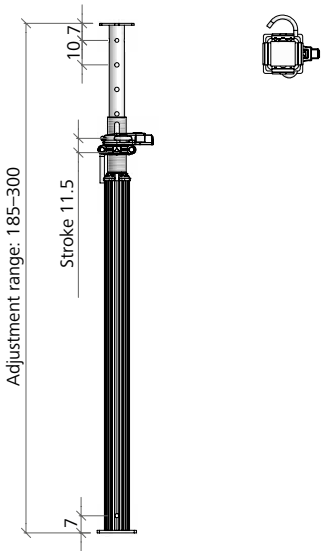
Ref. No.	Description / Application	m²	kg
27-000-60	MD transport rack		128.0

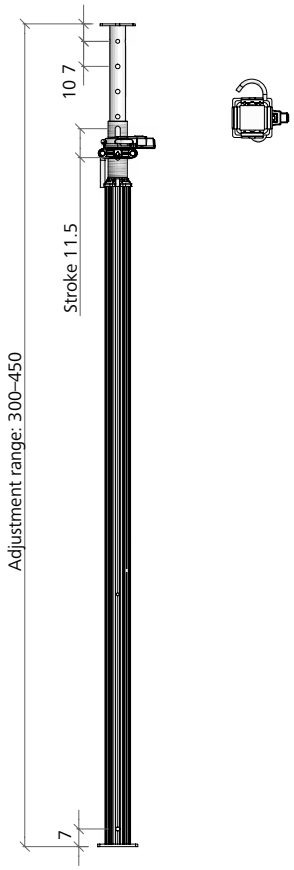


MEP prop with SAS

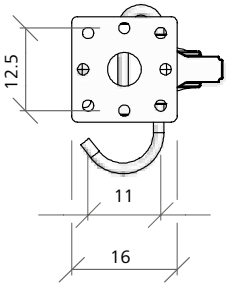
Prop in accordance with EN 1065 class E. Steel inner tube and aluminium outer tube with T groove to attach reinforcing frames. The SAS quick-lowering system enables the load on the prop to be released with one strike of a hammer. When stripping, it returns automatically to its original position. Load capacity according to EN 1065 when used as a single prop: MEP 300 with SAS: 40 kN at all extension lengths. MEP 450 with SAS: 30 kN when installed with the inner tube at the bottom and 20 kN for all other installation positions.

Ref. No.	Description / Application	m²	kg
29-907-65	MEP prop 300 with SAS (185–300)		26.7
29-908-40	MEP prop 300 with MD drop head	(225–340)	0.01 32.2
29-907-70	MEP prop 450 with SAS (300–450)		34.3
29-908-30	MEP prop 450 with MD drop head	(340–490)	0.01 42.8

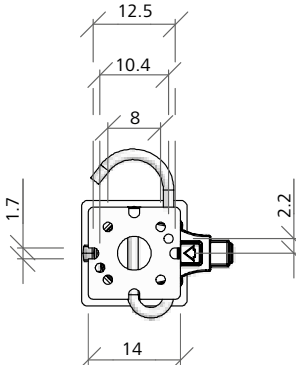




Outer tube plate



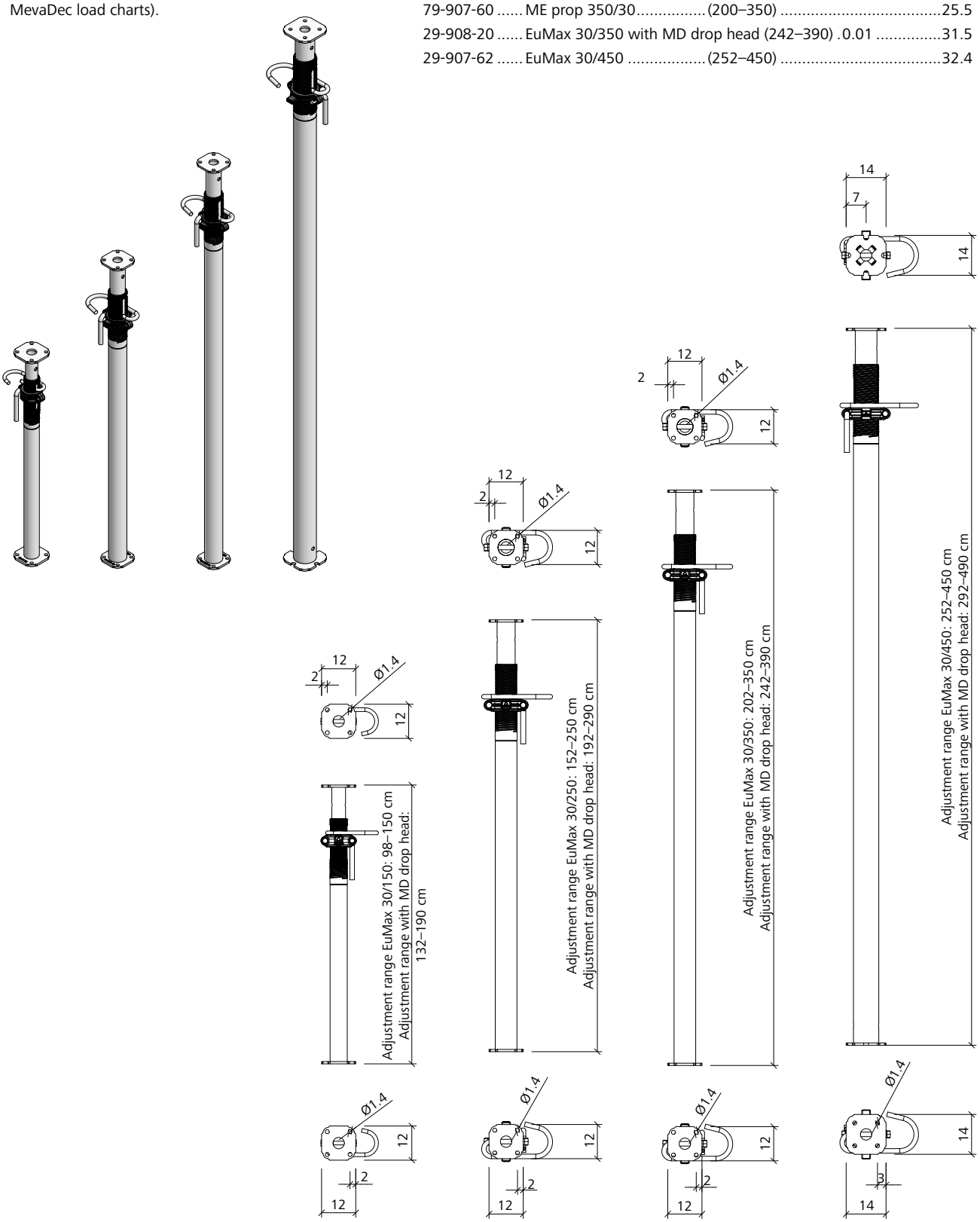
Inner tube plate



EuMax 30

Galvanized. Prop in accordance with EN 1065, class E. Permissible load capacity at all extension lengths is 30 kN. When used together with MEVA formwork systems, higher loads are permitted (refer to the MevaDec load charts).

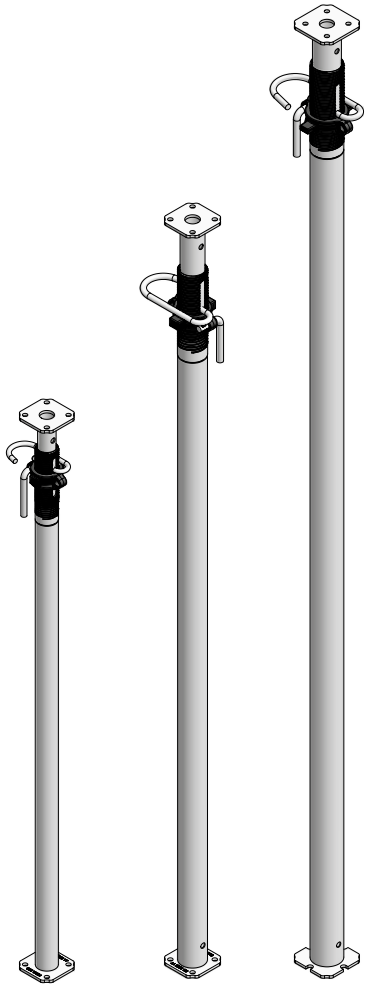
Ref. No.	Description / Application	m²	kg
29-907-46	EuMax 30/150	(98–150)	10.4
29-907-51	EuMax 30/250	(152–250)	18.1
79-907-50	ME prop 250/30	(150–250)	17.5
29-908-11	EuMax 30/250 with MD drop head (192–290)	0.01	26.5
29-907-61	EuMax 30/350	(202–350)	23.0
79-907-60	ME prop 350/30	(200–350)	25.5
29-908-20	EuMax 30/350 with MD drop head (242–390)	0.01	31.5
29-907-62	EuMax 30/450	(252–450)	32.4

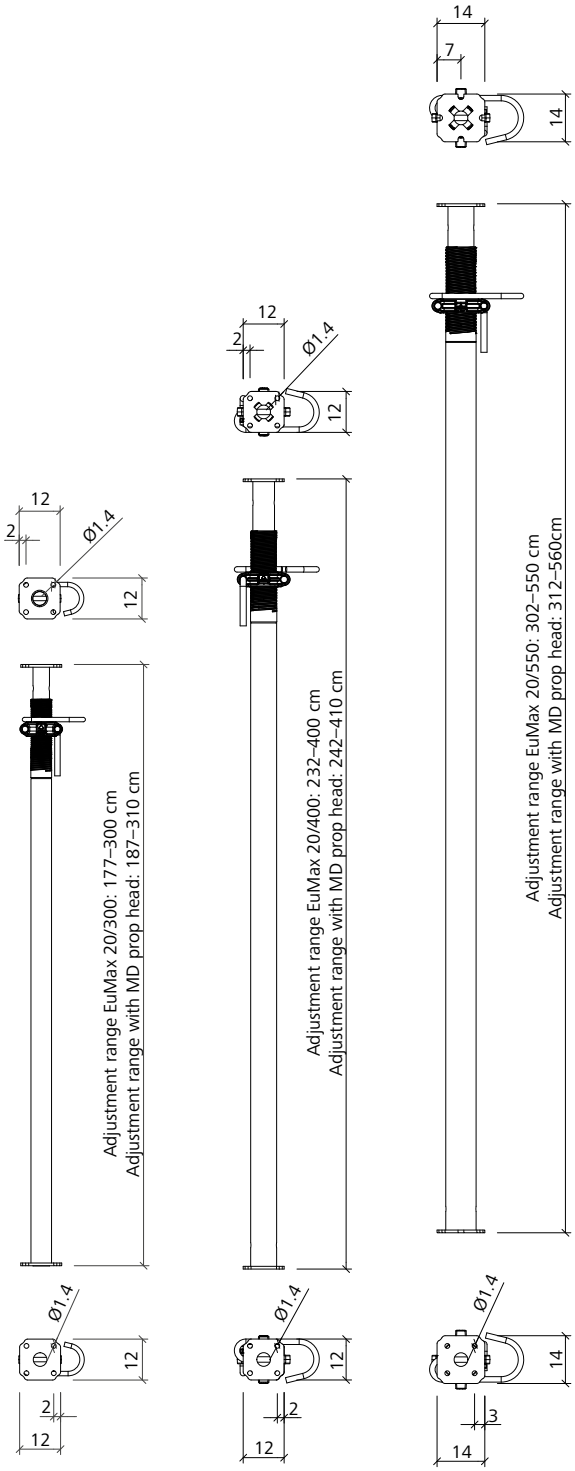


EuMax 20

Galvanized. Prop in accordance with EN 1065, class D. Permissible load capacity at all extension lengths is 20 kN. When used together with MEVA formwork systems, higher loads are permitted (refer to the MevaDec load charts).

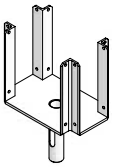
Ref. No.	Description / Application	m²	kg
29-908-24	EuMax 30/450 with MD drop head (292–490)	0.01	40.8
29-907-36	EuMax 20/300 (177–300)		16.9
79-907-35	MD prop 300/20 (175–300)		17.7
29-908-17	EuMax 20/300 with MD prop head (187–310)		20.0
29-907-41	EuMax 20/400 (232–400)		23.8
79-907-40	MD prop 400/20 (225–400)		25.6
29-908-27	EuMax 20/400 with MD prop head (235–410)		27.0
29-907-45	EuMax 20/550 (302–550)		37.0
29-908-29	EuMax 20/550 with MD prop head (312–560)		40.2



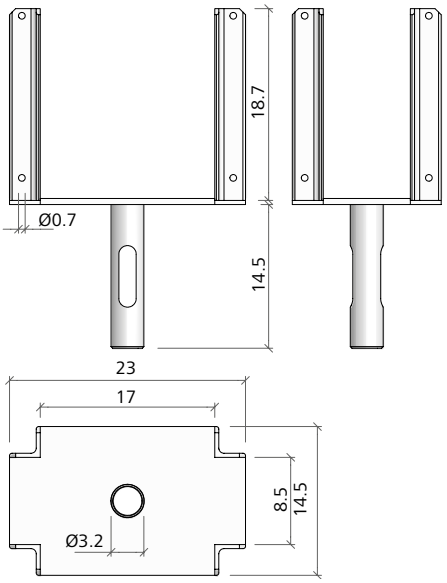


Forked prop head

Galvanized. Used to directly support the MevaDec primary beam in areas where a drop head cannot be used. The forked prop head 20 is used in conjunction with formwork girder H20.

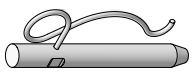


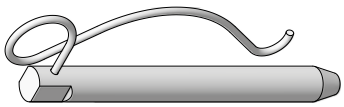
Ref. No.	Description / Application	m²	kg
29-206-40	Forked prop head H20		3.0



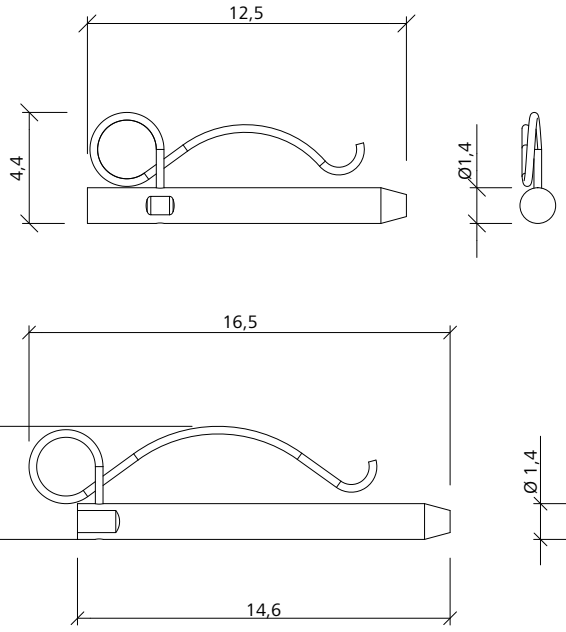
Pin

Galvanized. Used to secure the MevaDec drop head, the forked prop heads, etc. on the corresponding props. Pin 14/90 is used for steel tube props up to Ø63 mm. Pin 14/135 is used with the aluminium profile of MEP props and MEP extensions.





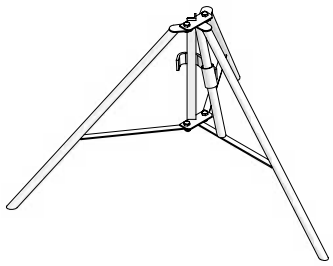
Ref. No.	Description / Application	m²	kg
29-803-55	Pin 14/90e		0.2
29-909-90	Pin 14/135		0.2

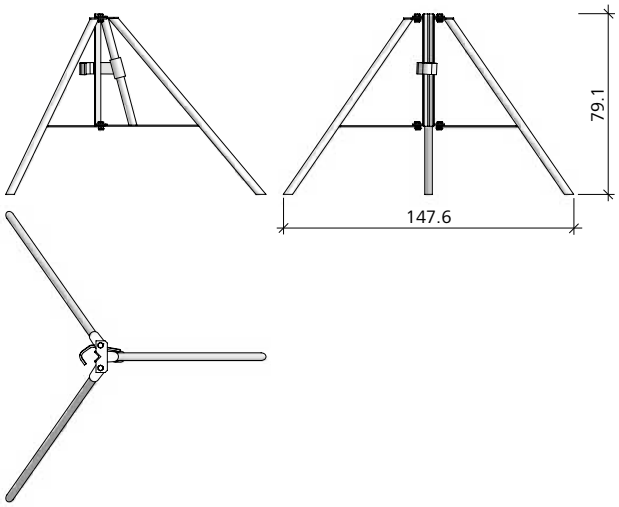


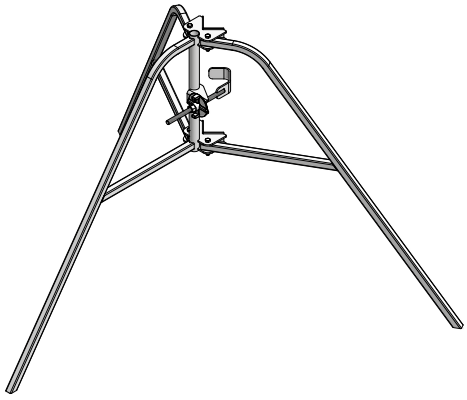
Tripod

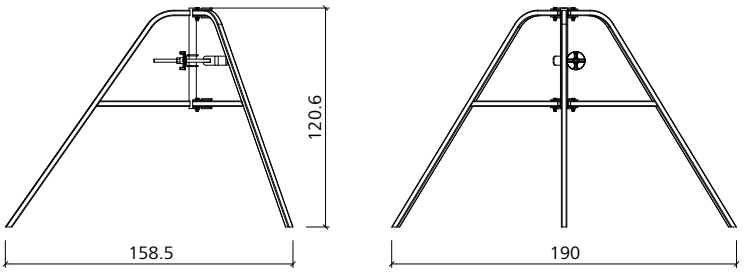
Galvanized. Used to stabilize props with Ø48 to Ø80 mm. The rotating legs allow the tripod to be used in rooms, along walls or in corners. The tripod can be attached to the aluminium profile of the MEP props with the MD safety claw.

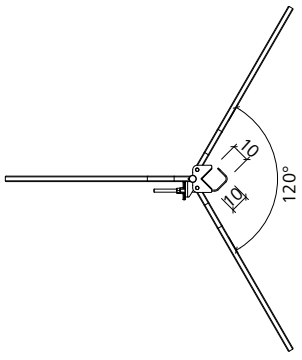
Ref. No.	Description / Application	m²	kg
29-905-50	Tripod		12.2
29-905-52	Tripod 120		17.7











Accessories for attachment

Used to attach the MD drop head and the MD prop head to the props.

Ref. No.	Description / Application	m²	kg
63-120-60	Hexagonal screw M12x35, galv., DIN 933		4.3
63-130-10	Hexagonal locking nut M12, galv., DIN 985		1.0
63-120-49	Hexagonal bolt M16 x 40, galv., DIN 933		4.6
63-130-00	Hexagonal locking nut M16, galv., DIN 985		1.6
62-030-42	Washer M16, galv., DIN 125		1.0

Notes

MEVA Schalungs-Systeme GmbH

Industriestrasse 5
72221 Haiterbach
Germany

Tel. +49 7456 692-01
Fax +49 7456 692-66
info@meva.net

www.meva.net

md-e-ava.pdf St. 3384 D POD Printed in Germany