



2018

Formwork Order Catalogue

WALL FORMWORK

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WORKING SCAFFOLDS

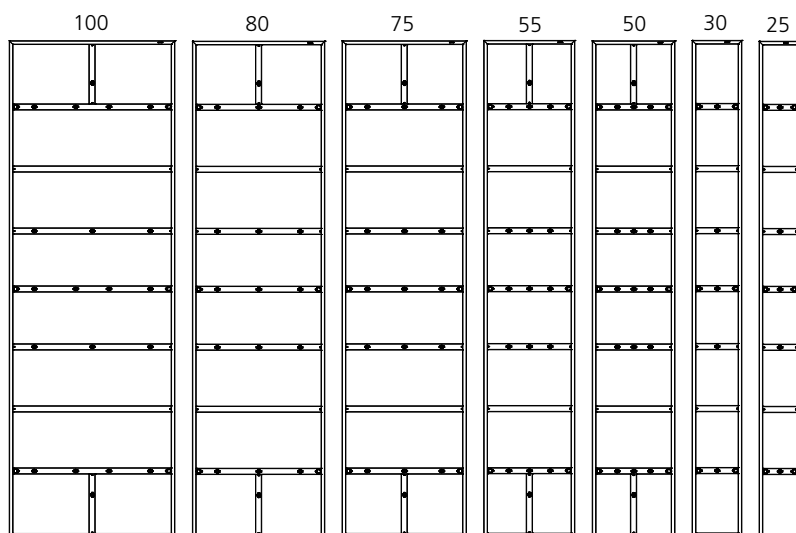
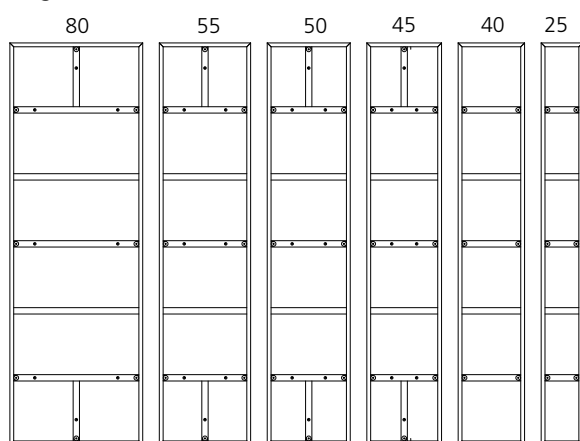
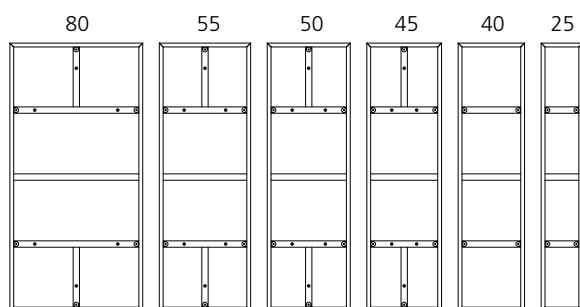
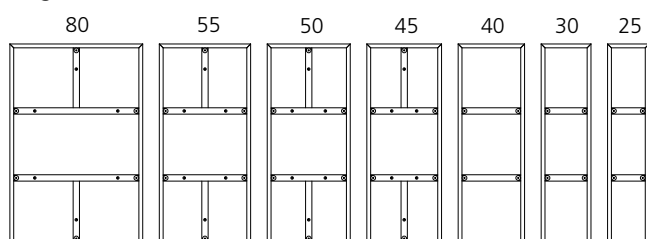
Working Scaffold	LAB 130	137
Working Scaffold	KAB 190	143
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CLIMBING TECHNOLOGY

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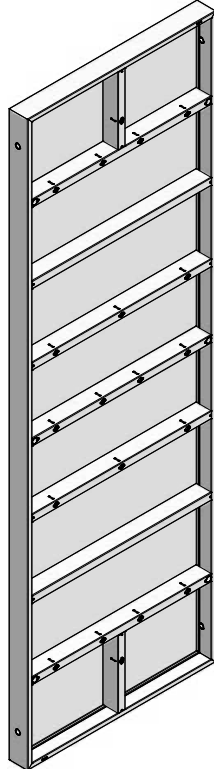
FORMWORK ACCESSORIES

MEVA Anchoring Material		170
MEVA Wooden Girder	H20	179
MEVA Facing Sheet	alkus, 3S	181

Height 300 cm

Height 240 cm

Height 160 cm

Height 120 cm


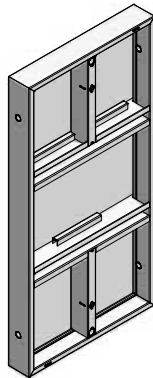
EA panels

Frame profile height 10 cm, frame profile width 23 mm. Three tie holes per panel heights 300 cm and 240 cm, two tie holes per panel heights 160 cm and 120 cm. Heights 240 cm, 160 cm and 120 cm: centered tie hole at the top and bottom for horizontal application. The frames of EA panels are made of closed steel profiles and are torsion proof. EA panels are equipped with alkus facing. All around grooves and EA assembly locks guarantee a tight and perfectly aligned stepless panel connection. Conical anchor sleeves are weld into the frames. Multi function profiles allow for an easy, fast and safe attachment of accessories.



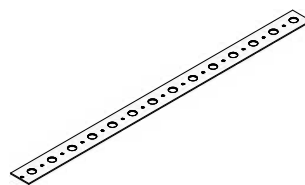
EA-multi purpose panel

EcoAs panel with perforated profiles to be used as column formwork or to concrete pilasters, stop ends, connections to existing walls, corner configurations, etc. Is used in connection with stop end fixture 23/40.



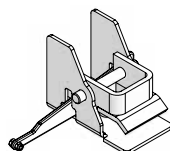
Foundation tape

Galvanized. Hole spacing 50 mm, hole Ø 16 mm, length 50 m. Adm. tractive force 10 kN. To be cut at hole center. Serves together with the appropriate tensioner as bottom anchoring when assembling panels in horizontal position.



Tensioner EA for foundation tape

Galvanized. Connects the foundation tape to EcoAs or AluFix panels and serves as bottom anchoring when assembling panels in horizontal position. Two tensioners are required per anchoring position.



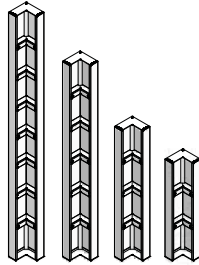
Ref.-No.	Description / Application	m ²	kg
21-703-11	EA-panel AL 17 300/100	3.00	101.5
21-703-21	EA-panel AL 17 300/ 80	2.40	86.0
21-703-26	EA-panel AL 17 300/ 75	2.25	82.5
21-703-46	EA-panel AL 17 300/ 55	1.65	68.5
21-703-51	EA-panel AL 17 300/ 50	1.50	65.0
21-703-71	EA-panel AL 17 300/ 30	0.90	45.0
21-703-76	EA-panel AL 17 300/ 25	0.75	41.0
21-700-21	EA-panel AL 17 240/ 80	1.92	68.0
21-700-46	EA-panel AL 17 240/ 55	1.32	53.5
21-700-51	EA-panel AL 17 240/ 50	1.20	51.0
21-700-56	EA-panel AL 17 240/ 45	1.08	48.0
21-700-61	EA-panel AL 17 240/ 40	0.96	40.5
21-700-76	EA-panel AL 17 240/ 25	0.60	32.0
21-705-21	EA-panel AL 17 160/ 80	1.28	47.0
21-705-46	EA-panel AL 17 160/ 55	0.88	37.0
21-705-51	EA-panel AL 17 160/ 50	0.80	36.0
21-705-56	EA-panel AL 17 160/ 45	0.72	33.5
21-705-61	EA-panel AL 17 160/ 40	0.64	27.5
21-705-76	EA-panel AL 17 160/ 25	0.40	21.5
21-710-21	EA-panel AL 17 120/ 80	0.96	37.0
21-710-46	EA-panel AL 17 120/ 55	0.66	30.0
21-710-51	EA-panel AL 17 120/ 50	0.60	28.5
21-710-56	EA-panel AL 17 120/ 45	0.54	27.0
21-710-61	EA-panel AL 17 120/ 40	0.48	21.0
21-710-71	EA-panel AL 17 120/ 30	0.36	18.0
21-710-76	EA-panel AL 17 120/ 25	0.30	16.5
21-715-61	EA-panel AL 17 80/ 40	0.32	15.0
21-720-51	EA-multi purpose panel AL 17, 120/60	0.72	33.5
29-307-50	Foundation tape 50 m		20.0
29-307-75	Tensioner EA for foundation tape		1.3

Trolley for foundation tape

Not shown. Galvanized. Is used to transport and cut the foundation tape to length. Suitable for one roll. Pneumatic wheels.

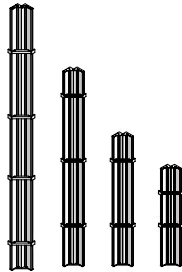
EA inside corner Alu(minium)

Aluminium frame with high-quality annealed plastic coating. All-plastic facing. Aluminium frame with tie holes. For 90° corners, side length 25 cm.



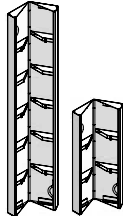
EA outside corner

Aluminium with high-quality annealed plastic coating. Facing 5 cm wide on both sides, integrated chamfer strip. Provides together with EA panels and EA assembly locks a fast and tight outside corner assembly for 90° angles.



EA hinged inside corner

Steel construction with steel sheeting, primed and cavity-sealed. Side length 30 cm. Adjustable angle 60° to 180°.



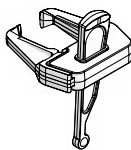
EA hinged outside corner

Steel construction with steel sheeting, primed and cavity-sealed. Side length 7.5 cm. Adjustable angle 60° to 180°.



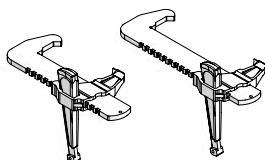
EA assembly lock

Galvanized. Tightly connects and aligns EA panels. Clamping length 4.6 cm.



Uni-assembly lock

Galvanized. For stepless compensation. Clamping length 22 cm or 28 cm.



Ref.-No.	Description / Application	m ²	kg
29-307-55	Trolley for foundation tape	21.8	

21-724-10	EA-inside corner AL 300/25 Alu	1.50	31.3
21-724-20	EA-inside corner AL 240/25 Alu	1.20	25.2
21-724-30	EA-inside corner AL 160/25 Alu	0.80	17.3
21-724-40	EA-inside corner AL 120/25 Alu	0.60	13.4

21-725-75	EA-outside corner 300 Alu	0.30	15.6
21-725-85	EA-outside corner 240 Alu	0.24	13.0
21-725-90	EA-outside corner 160 Alu	0.16	9.0
21-725-95	EA-outside corner 120 Alu	0.12	6.5

21-726-30	EA-hinged inside corner 240/30	1.44	57.0
21-726-40	EA-hinged inside corner 120/30	0.72	29.0

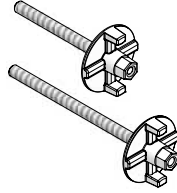
21-726-50	EA-hinged outside corner 240	0.36	40.0
21-726-60	EA-hinged outside corner 120	0.18	20.2

29-205-50	EA-assembly lock	1.5	
29-205-55	EA-assembly lock with coupling	1.9	

29-400-85	Uni-assembly lock 22	3.6	
29-400-90	Uni-assembly lock 28	3.9	

Flange screw

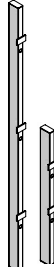
Galvanized. DW thread Ø 15 mm. Is used to attach accessories, e.g. alignment rails, brace frames, push-pull props, etc. Length of thread 18 cm or 27 cm.



Ref.-No.	Description / Application	m ²	kg
29-401-10	Flange screw 18		1.1
29-401-12	Flange screw 28		1.2

EA steel filler

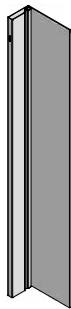
Completely made of steel, primed and cavity-sealed, with tie holes. For length adjustment of 5 cm, particularly in corners. For the required quantity of Uni-assembly locks see Technical Instruction Manual EcoAs.



21-726-00	EA-steel filler 240/5	0.12	13.0
21-726-10	EA-steel filler 120/5	0.06	6.5

EA compensation plate

Steel construction with steel sheeting, primed and cavity-sealed. Is used to compensate gaps of 6 to 20 cm and attached to panels with 2 EA assembly locks. Alignment rails must be used to bridge and align the panels with the compensation plate.



21-726-20	EA-compensation plate 120/20	0.24	11.8
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Dismantling auxiliary 120

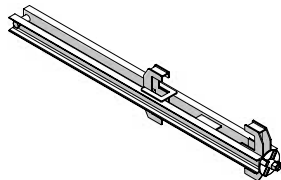
10 cm wide, 120 cm high. Diagonally divided timber filler. Permits easy stripping in restricted areas such as shafts and staircases. Two Uni-assembly locks are required per dismantling auxiliary. Alignment rails must be used for reinforcement. Delivery and weight by pairs.



29-306-20	Dismantling auxiliary 120		3.6
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Stop end bracket

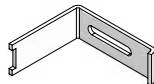
Galvanized. Is used to form stop ends. Stop end bracket 40/60 for wall thickness up to 40 cm and profile widths of 40 and 60 mm. Stop end bracket 2.5' - 60/23 for wall thickness up 75 cm (2.5') and profile widths of 23 mm (EcoAs) and 60 mm.



29-105-45	Stop end bracket 23/40		12.2
29-105-60	Stop end bracket 2.5' - 60/23		20.0

Timber fixture

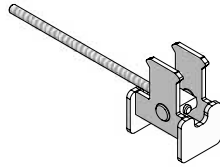
Galvanized. Is used to attach 10 to 12 cm high squared timbers when bracing panel joints for crane ganging or when bridging problem areas.



29-105-90	Timber fixture		1.5
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Stop end fixture 23/40

Yellow chromated. Is used together with the EcoAs or StarTec multi-purpose panel to form outside corners and abutments. Is suited for the frame profiles of EcoAs and AluFix (23 mm) and AluStar/StarTec (40 mm). A flange nut 100 or an articulated flange nut 15/120 is also required.



Ref.-No.	Description / Application	m²	kg
29-402-85	..... Stop end fixture 23/40 (yellow)		3.0

Plug D20

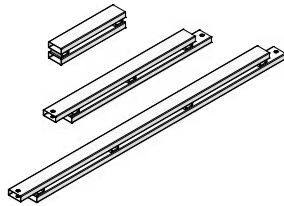
Is used to close unused tie holes (AluFix, EcoAs, AluStar and StarTec).



29-902-63	..... Plug D20.....		0.1
29-902-62	..... Plug D20 without imprint.....		0.1

AS alignment rail

Galvanized. Is used to brace panel joints for crane ganging, bridge problem areas and brace compensation areas. Is attached to the formwork with flange screws.



29-201-73	..... AS-alignment rail 50, galv.		5.2
29-201-75	..... AS-alignment rail 125, galv.		10.5
29-201-80	..... AS-alignment rail 200, galv.		19.0

Tie rod DW 15/90

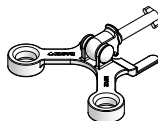
Uncoated, not weldable. DW thread Ø 15mm. Is used to tie panels of double-sided formwork. Adm. load capacity 90 kN (DIN 18216).



29-900-80 Tie rod DW 15/90		1.3
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Tie rod holder

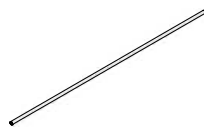
Galvanised. To hold DW tie rods with articulated flange nut, XT tie rods or XT taper ties. Can be used with horizontal or vertical MEVA wall formwork panels.



29-927-10 Tie rod holder		1.1
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Plastic tube

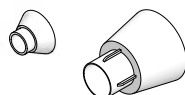
Plastic spacer tube for tie holes. Two cones are also required per tie hole. D22/200: internal Ø 22 mm, external Ø 28 mm, standard length 2.00 m. D30/200: internal Ø 30 mm, external Ø 36 mm, standard length 2.00 m.



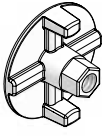
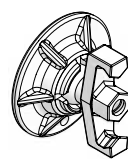
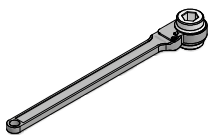

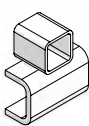
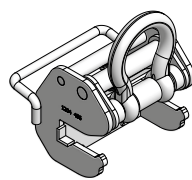
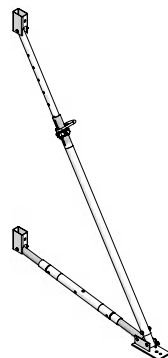
29-902-30 Plastic tube D22/200.....		0.4
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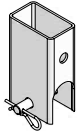
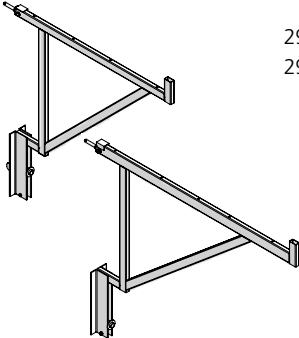
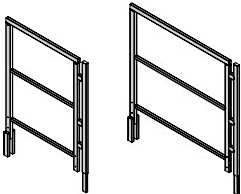
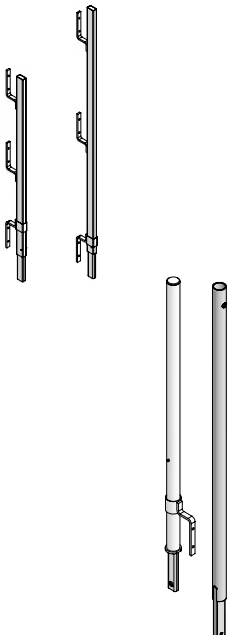
Cone for plastic tube

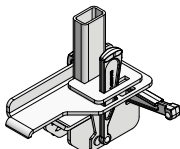
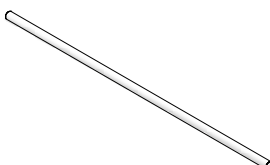

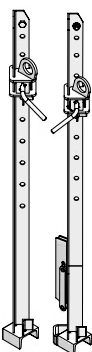
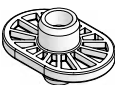
Available with 10 mm or 30 mm covering.

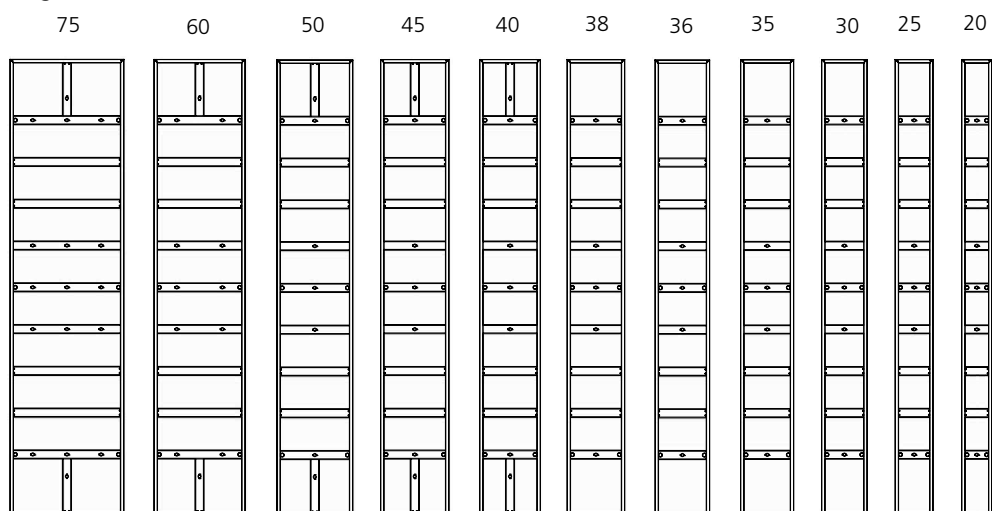
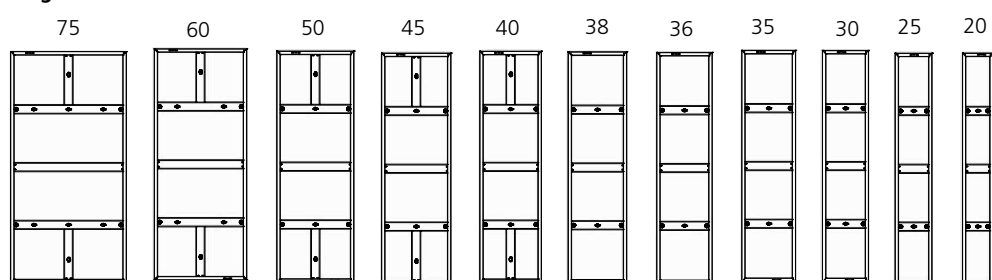
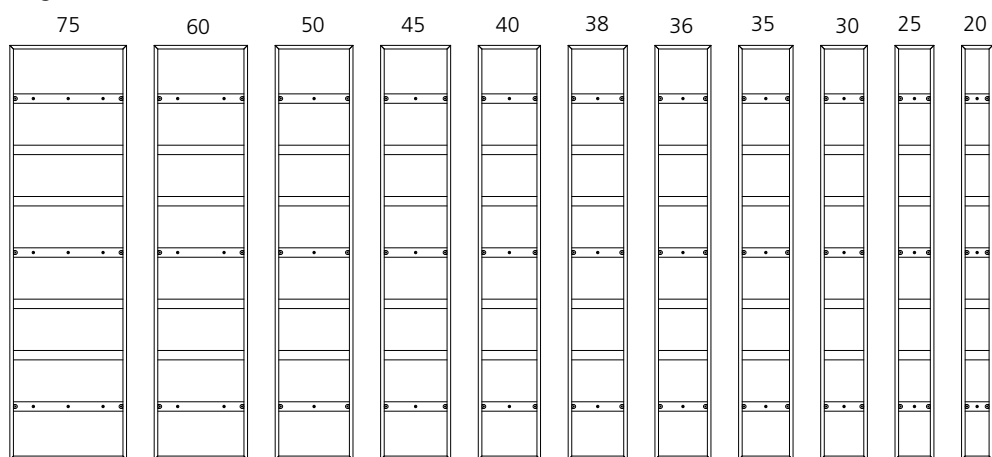
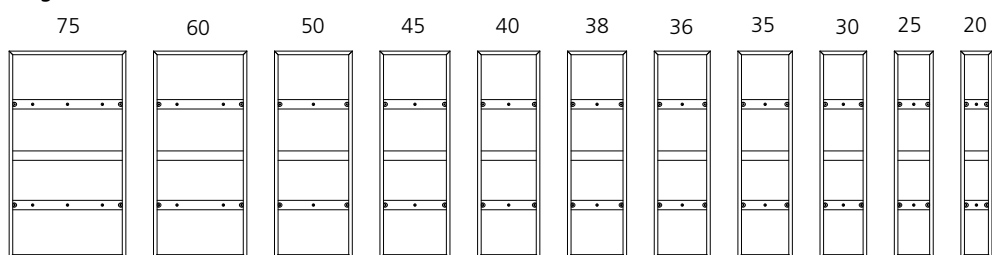


29-902-40 Cone for plastic tube D22/10 (10 mm covering)		12.9
29-902-50	..... Cone for plastic tube D22/30 (30 mm covering)		3.2

		Ref.-No.	Description / Application	m ²	kg
Flange nut 100 Forged, galvanized. For DW tie rods with 15 mm Ø. Plate Ø 100 mm, SW 27. Admissible load capacity 90 kN (DIN 18216).		29-900-20	..... Flange nut 100 (SW 27, forged)	0.7	
Articulated flange nut 15/120 Forged, galvanized. DIN 18216. DW thread Ø 15 mm, plate Ø 120 mm, max. inclination 10°, SW 27. Max. load capacity 90 kN. Reduces wear of panel coating.		29-900-10	..... Articulated flange nut 15/120 (SW 27)	1.8	
Spanner SW 27 Inset yellow chromated. Spanner width (SW) 27 mm. Is used to tighten and loosen flange nuts 100, articulated flange nuts 15/120 and flange screws.		29-800-10	..... Spanner SW 27	1.8	
Drive nut 60 Galvanized. DW thread Ø 15 mm, plate Ø 60 mm. Adm. load capacity 90 kN (DIN 18216). Is used to tie the formwork to the ground or to a wall connection.		29-900-23	..... Drive nut 60	0.5	
Tie claw 23 Galvanized. Permits tying (with tie rod DW 15 and flange nut 100) directly above or beside EcoAs and AluFix panels.		29-901-44	..... Tie claw 23	0.2	
Crane hook Coated. Is used to move and crane-gang AluFix and EcoAs panels. Self-locking. Load capacity 6 kN (600 kg). Always two crane hooks required per gang. Refer to the crane hook Operating Instructions for application and safety test.		29-103-05	..... EA/ML-crane hook	6.0	
Brace frame 250 Galvanized. Available with formwork-prop connector. Is used to align and brace the formwork. Consists of a push-pull prop R 250 (190–320 cm), a brace SRL 120 (90–150 cm) and a double-jointed footplate. The formwork-prop connectors are attached to the formwork with flange screws 18.		29-109-20	..... Brace frame 250 with formwork-prop connector	31.5	

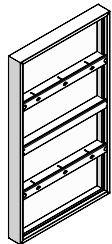
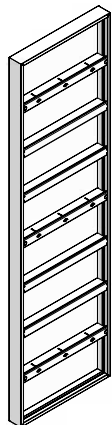
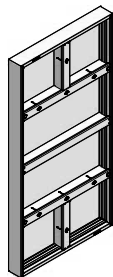
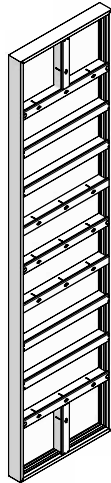
	Ref.-No.	Description / Application	m ²	kg
Formwork-prop connector Galvanized. Delivery includes head bolt 16/90 and cotter pin 4. Is used to connect braces, brace frames and push-pull props (max. Ø 48 mm) to the multi-function profile with a flange screw 18.	29-804-85	Formwork-prop connector	1.7	
Walkway bracket Galvanized, yellow, pluggable. Is used as working and safety scaffold. Is attached to the multi-function profile and secured to the multi-function profile below with a flange screw 18. The planking can be mounted to the brackets. Working width approx. 90 or 125 cm. MEVA Guard-railing post is also required. Bracket spacing depends on type of planking (DIN 4420).				
	29-106-00	Walkway bracket 90 (yellow), galv.	10.3	
	29-106-50	Walkway bracket 125 (yellow), galv.	11.8	
Side railing Galvanized. Is plugged into the walkway bracket.				
	29-108-20	Side railing 90/100, galv.	12.3	
	29-108-30	Side railing 125/100, galv.	13.8	
Guard-railing post Galvanized. Is plugged into the walkway bracket.				
	29-106-75	Guard-railing post 100, galv.	3.7	
	29-106-85	Guard-railing post 140, galv.	4.7	
Guard-railing post 48 Galvanized. With manifold to be plugged into the walkway bracket and with 48 mm Ø tube to attach scaffold couplers.				
	29-106-80	Guard-railing post 48/120 (UK), galv.	5.5	
	29-920-80	Guard-railing post 48/134	5.5	

	Ref.-No.	Description / Application	m ²	kg
Tilting bracket 23 Galvanised. Used to attach MEVA guard-railing posts to create a fall protection system. It can be set up vertically to facilitate the installation of safety meshes or railing boards or inclined by 15° to create a larger working area. Secured with a wedge to the frame profile of 23 mm.	29-920-84	Tilting bracket 23		4.8
				
Scaffold tube Galvanized. Is used as handrail in combination with guard-railing post 48.	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 2 scaffold tubes with 48.3 mm Ø at any angle.	29-412-52	Swivel-joint coupler 48/48		1.2
				
Transport angle 10 Is used to stack and transport 5 to 12 EcoAs or AluFix panels. Distance between holes 10 cm. We recommend using 2 foldable angles and 2 angles of the rigid type per stack. Max. load capacity is 10 kN per angle. For safety reasons consider 20 kN as maximum capacity for the whole stack.	29-305-10	Transport angle 10		16.0
	29-305-15	Transport angle 10, rigid type		10.4
				
Safety plug Plastic, black. Secures stacked AluFix, EcoAs, AluStar and StarTec panels.	40-131-10	Safety plug AS/ST stacks, black		19.0
				

Height 300 cm

Height 150 cm

Height 264 cm

Height 132 cm


AF panels

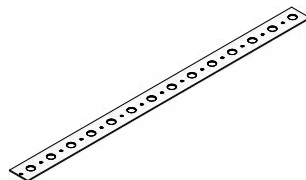
Construction height 10 cm, frame profile width 23 mm. Three tie holes per panel height 264 cm and 300 cm, two tie holes per panel height 150, 132 and 75 cm. The frames of the AF panels are made of closed 3-chamber aluminium profiles (double groove) or 2-chamber aluminium profiles (single groove) and are torsion-proof. They are easy to clean thanks to their high-quality annealed powder coating. The AF panels are equipped with alkus facing. All-around grooves and EA assembly locks (double groove) or E assembly locks (single groove) guarantee a tight and perfectly aligned panel connection. Anchor sleeves are weld into the frames. Multi-function profiles allow for an easy, fast and safe attachment of accessories.



Ref.-No.	Description / Application	m ²	kg
22-134-25	AluFix-panel AL 13..... 300/ 75	2.25	49.7
22-134-40	AluFix-panel AL 13..... 300/ 60	1.80	41.8
22-134-50	AluFix-panel AL 13..... 300/ 50	1.50	35.3
22-134-55	AluFix-panel AL 13..... 300/ 45	1.35	32.8
22-134-60	AluFix-panel AL 13..... 300/ 40	1.20	30.2
22-134-70	AluFix-panel AL 13..... 300/ 30	0.90	23.8
22-134-75	AluFix-panel AL 13..... 300/ 25	0.75	21.3
22-120-54	AluFix-panel AL 13..... 264/ 75	1.98	40.6
22-122-04	AluFix-panel AL 13..... 264/ 60	1.58	33.9
22-123-04	AluFix-panel AL 13..... 264/ 50	1.32	29.5
22-123-54	AluFix-panel AL 13..... 264/ 45	1.19	27.1
22-124-04	AluFix-panel AL 13..... 264/ 40	1.06	25.0
22-125-04	AluFix-panel AL 13..... 264/ 30	0.79	20.6
22-125-54	AluFix-panel AL 13..... 264/ 25	0.66	18.4
22-135-25	AluFix-panel AL 13..... 150/ 75	1.13	24.8
22-135-40	AluFix-panel AL 13..... 150/ 60	0.90	20.9
22-135-50	AluFix-panel AL 13..... 150/ 50	0.75	17.9
22-135-55	AluFix-panel AL 13..... 150/ 45	0.68	16.6
22-135-60	AluFix-panel AL 13..... 150/ 40	0.60	15.4
22-135-70	AluFix-panel AL 13..... 150/ 30	0.45	11.7
22-135-75	AluFix-panel AL 13..... 150/ 25	0.38	10.5
22-127-04	AluFix-panel AL 13..... 132/ 75	0.99	20.9
22-128-54	AluFix-panel AL 13..... 132/ 60	0.79	17.4
22-129-54	AluFix-panel AL 13..... 132/ 50	0.66	15.1
22-130-04	AluFix-panel AL 13..... 132/ 45	0.59	14.0
22-130-54	AluFix-panel AL 13..... 132/ 40	0.53	12.9
22-131-54	AluFix-panel AL 13..... 132/ 30	0.40	10.6
22-132-04	AluFix-panel AL 13..... 132/ 25	0.33	9.4
22-136-25	AluFix-panel AL 13..... 75/ 75	0.56	14.5
22-136-40	AluFix-panel AL 13..... 75/ 60	0.45	11.8
22-136-50	AluFix-panel AL 13..... 75/ 50	0.38	10.4
22-136-55	AluFix-panel AL 13..... 75/ 45	0.34	9.5
22-136-60	AluFix-panel AL 13..... 75/ 40	0.30	8.5
22-136-70	AluFix-panel AL 13..... 75/ 30	0.23	6.9
22-136-75	AluFix-panel AL 13..... 75/ 25	0.19	6.1

Foundation tape

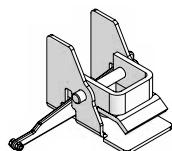
Galvanized. Hole spacing 50 mm, hole Ø 16 mm, length 50 m. Adm. tractive force 10 kN. To be cut at hole center. Together with the appropriate tensioner it serves as bottom tie when panels are assembled in horizontal position.



29-307-50	Foundation tape 50 m	20.0
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Tensioner EA for foundation tape

Galvanized. Connects the foundation tape to EcoAs or AluFix-panels and serves as bottom tie when panels are assembled in horizontal position. Two tensioners are required per tying position.



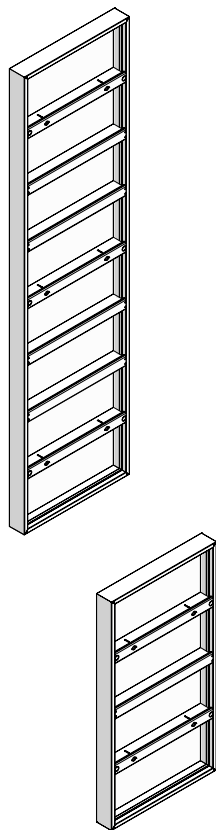
29-307-75	Tensioner EA for foundation tape	1.3
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Trolley for foundation tape

Not shown. Galvanized. Is used to transport and cut foundation tape to length. Suitable for one roll. Pneumatic wheels.

AF special panes

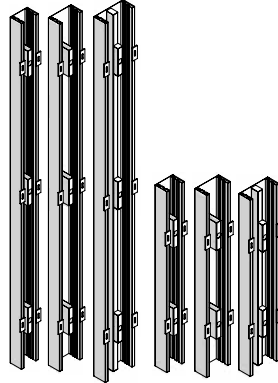
Made to order, delivery time to be agreed.



Ref.-No.	Description / Application	m ²	kg
29-307-55	Trolley for foundation tape		21.8
22-134-30	AluFix-panel AL 13..... 300/ 70	2.10	46.8
22-134-35	AluFix-panel AL 13..... 300/ 65	1.95	44.2
22-134-45	AluFix-panel AL 13..... 300/ 55	1.65	38.1
22-134-56	AluFix-panel AL 13..... 300/ 44	1.32	32.3
22-134-62	AluFix-panel AL 13..... 300/ 38	1.14	27.9
22-134-64	AluFix-panel AL 13..... 300/ 36	1.08	26.9
22-134-65	AluFix-panel AL 13..... 300/ 35	1.05	26.4
22-134-80	AluFix-panel AL 13..... 300/ 24	0.72	20.9
22-134-85	AluFix-panel AL 13..... 300/ 20	0.60	18.7
22-121-04	AluFix-panel AL 13..... 264/ 70	1.85	38.3
22-121-54	AluFix-panel AL 13..... 264/ 65	1.72	36.0
22-122-54	AluFix-panel AL 13..... 264/ 55	1.45	31.7
22-124-34	AluFix-panel AL 13..... 264/ 38	1.00	24.1
22-124-44	AluFix-panel AL 13..... 264/ 36	0.95	23.2
22-124-54	AluFix-panel AL 13..... 264/ 35	0.92	22.8
22-126-04	AluFix-panel AL 13..... 264/ 20	0.53	16.3
22-135-45	AluFix-panel AL 13..... 150/ 55	0.83	19.2
22-135-56	AluFix-panel AL 13..... 150/ 44	0.66	16.4
22-135-62	AluFix-panel AL 13..... 150/ 38	0.57	13.7
22-135-64	AluFix-panel AL 13..... 150/ 36	0.54	13.2
22-135-65	AluFix-panel AL 13..... 150/ 35	0.53	12.9
22-135-80	AluFix-panel AL 13..... 150/ 24	0.36	10.3
22-135-85	AluFix-panel AL 13..... 150/ 20	0.30	9.3
22-127-54	AluFix-panel AL 13..... 132/ 70	0.92	19.8
22-128-04	AluFix-panel AL 13..... 132/ 65	0.86	18.6
22-129-04	AluFix-panel AL 13..... 132/ 55	0.73	16.3
22-130-64	AluFix-panel AL 13..... 132/ 38	0.50	12.4
22-130-74	AluFix-panel AL 13..... 132/ 36	0.48	11.9
22-131-04	AluFix-panel AL 13..... 132/ 35	0.46	11.7
22-132-54	AluFix-panel AL 13..... 132/ 20	0.26	8.4
22-136-30	AluFix-panel AL 13..... 75/ 70	0.53	13.4
22-136-45	AluFix-panel AL 13..... 75/ 55	0.41	11.2
22-136-65	AluFix-panel AL 13..... 75/ 35	0.26	7.8
22-136-85	AluFix-panel AL 13..... 75/ 20	0.15	5.3

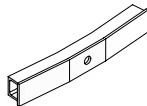
AF radius panels

Steel construction with steel sheeting. Primed and cavity-sealed. Allows the AF formwork to be used as polygonal formwork.



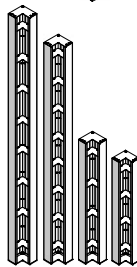
AF tensioning bow

Takes up the anchor load when forming polygonal constructions with radius panels.



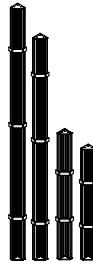
AF inside corner Alu(minium)

Aluminium. With annealed power coating. For 90° corners, side length 20 cm.



AF outside corner Alu(minium)

Aluminium. With annealed powder coating. Provides a tight outside corner assembly for 90° angles when used together with AF panels and EA assembly locks (double groove) or E assembly locks (single groove).



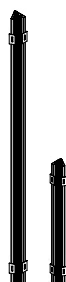
AF hinged inside corner

Steel construction with steel sheeting. Primed and cavity-sealed. Side length 20 cm. Adjustable angle 80°–180° when used as inside corner, or 95°–180° when used as outside corner.



AF hinged outside corner

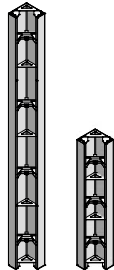
Steel construction with steel sheeting. Primed and cavity-sealed. Side length 1.5 cm. Adjustable angle 0°–120°.



Ref.-No.	Description / Application	m ²	kg
22-152-10	AF-radius panel..... 264/ 15	0.40	39.7
22-152-20	AF-radius panel..... 264/ 20	0.53	41.3
22-152-30	AF-radius panel..... 264/ 25	0.66	49.9
22-153-10	AF-radius panel..... 132/ 15	0.20	20.4
22-153-20	AF-radius panel..... 132/ 20	0.26	21.2
22-153-30	AF-radius panel..... 132/ 25	0.33	25.3
22-153-90	AF-tensioning bow.....		3.4
22-154-10	AF-inside corner AL 300/20 Alu.....	1.20	28.0
22-154-30	AF-inside corner AL 150/20 Alu.....	0.60	14.5
22-154-20	AF-inside corner AL 264/20 Alu.....	1.06	25.5
22-154-40	AF-inside corner AL 132/20 Alu.....	0.53	13.5
22-154-50	AF-inside corner AL 75/20 Alu.....	0.30	7.8
22-150-02	AF-outside corner 300 Alu		9.2
22-150-05	AF-outside corner 264 Alu		8.1
22-150-12	AF-outside corner 150 Alu		4.7
22-150-15	AF-outside corner 132 Alu		4.2
22-150-17	AF-outside corner 75 Alu		2.6
22-151-80	AF-hinged inside corner 300/20	1.20	68.5
22-150-80	AF-hinged inside corner 264/20	1.06	60.2
22-151-90	AF-hinged inside corner 150/20	0.60	35.0
22-150-90	AF-hinged inside corner 132/20	0.53	30.6
22-151-60	AF-hinged outside corner 300.....	0.45	40.1
22-150-60	AF-hinged outside corner 264.....	1.20	35.5
22-151-70	AF-hinged outside corner 150.....	0.23	20.5
22-150-70	AF-hinged outside corner 132.....	0.20	18.0

AF stripping corner

Aluminium, 3 parts. With annealed powder coating and tie holes. When assembling and stripping the formwork, the AF stripping corners are pressed against and removed from the concrete by using the integrated spanner.



Ref.-No.	Description / Application	m ²	kg
22-151-10	AF stripping corner 300/25	108.0	
22-151-20	AF stripping corner 150/25	58.5	

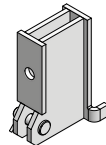
Adhesive tape, red

Not shown. Reinforced adhesive tape, red, 50 mm wide, 50 running metres. Total thickness: 270 µm. Natural rubber adhesive on one side. PE-coated.

41-912-10	Adhesive tape 50 m, red	0.8	
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Formwork-prop connector for stripping corner

Painted. Used to attach the ratchet load tensioner to allow the AF stripping corner to be used. Attached to the AF panel with flange screw 18.



29-306-00	Formwork-prop connector for stripping corner	3.1	
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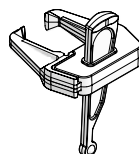
Ratchet load tensioner

Not shown. Used to activate the AF stripping corner. Attached to the AF panels to the left and right of the stripping corner with two formwork-prop connectors for stripping corner.

29-306-05	Ratchet load tensioner	0.3	
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Assembly lock

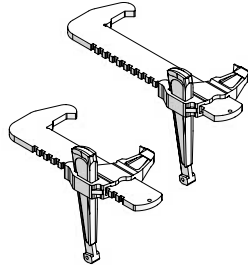
Galvanized. Tightly connects and aligns AluFix and EcoAs panels. Clamping length 4.6 cm. Three assembly locks are required per panel joint for a panel height of 3.00 m and two assembly locks per panel joint for a panel height of 2.64 m or 1.32 m.



29-205-50	EA-assembly lock	1.5	
29-205-55	EA-assembly lock with coupling	1.9	
29-103-30	Transition lock AF - ST/AS	3.2	

Uni-assembly lock

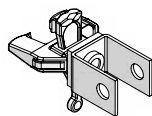
Galvanized. For stepless compensation.
Clamping length 22 cm or 28 cm.



Ref.-No.	Description / Application	m ²	kg
29-400-85	Uni-assembly lock 22	3.6	
29-400-90	Uni-assembly lock 28	3.9	
29-103-60	E-Uni-assembly lock	2.0	

E-assembly lock with coupling

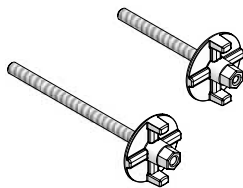
Galvanized. Is used to attach push-pull props at the AluFix and EcoAs panel joints.
Clamping length 4.6 cm.



29-802-70	E-Assembly lock with coupling	1.0	
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Flange screw

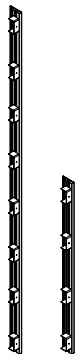
Galvanized. DW thread Ø 15 mm. Is used to attach accessories, e.g. alignment rails, brace frames, push-pull props, etc. Length of thread 18 cm or 27 cm.



29-401-10	Flange screw 18.....	1.1	
29-401-12	Flange screw 28.....	1.2	

AF compensation profile

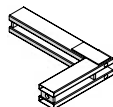
Steel frame profile with angles. Primed and cavity-sealed. Is clamped to the AF panel with two E assembly locks and used for job-built fillers consisting of short squared timber and a facing. Delivery and weight by pairs.



29-200-20	AF-compensation profile 264	12.0	
29-200-30	AF-compensation profile 132	6.0	

Corner angle 40/60

Galvanized. Side lengths 40 cm and 60 cm. For inside and outside corners and column formwork.



29-402-25	Corner angle 40/60.....	9.5	
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Plug D20

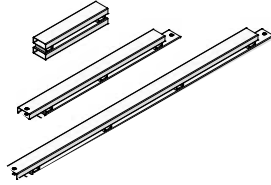
Is used to close unused tie holes (AluFix, EcoAs, AluStar and StarTec).



29-902-63	Plug D20.....	0.1	
29-902-62	Plug D20 without imprint.....	0.1	

AS alignment rail

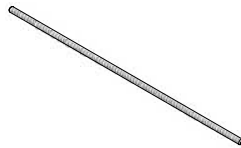
Galvanized. Is used to brace panel joints for crane ganging, bridge problem areas, brace compensation areas and build stop ends with stop end fixtures. Is attached to the formwork with flange screws.



Ref.-No.	Description / Application	m ²	kg
29-201-73	AS-alignment rail 50, galv.	5.2	
29-201-75	AS-alignment rail 125, galv.	10.5	
29-201-80	AS-alignment rail 200, galv.	19.0	

Tie rod DW 15/90

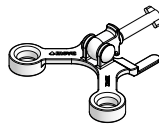
Uncoated, not weldable. DW thread Ø 15 mm. Adm. load capacity 90 kN (DIN 18216). Is used to tie panels of a double-sided formwork.



29-900-80	Tie rod DW 15/90	1.3	
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Tie rod holder

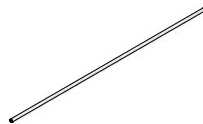
Galvanized. To hold DW tie rods with articulated flange nut, XT tie rods or XT taper ties. Can be used with horizontal or vertical MEVA wall formwork panels.



29-927-10	Tie rod holder	1.1	
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Plastic tube

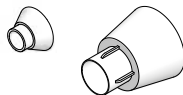
Plastic spacer tube for tie holes. Two cones are also required per tie hole. D22/200: internal Ø 22 mm, external Ø 28 mm, standard length 2.00 m. D30/200: internal Ø 30 mm, external Ø 36 mm, standard length 2.00 m.



29-902-30	Plastic tube D22/200	0.4	
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Cone for plastic tube

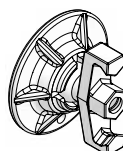
Available with 10 mm or 30 mm covering.



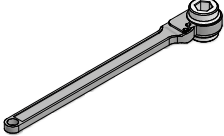

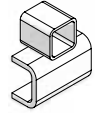
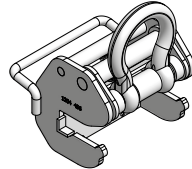
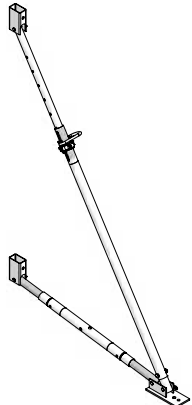
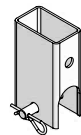
29-902-40	Cone for plastic tube D22/10 (10 mm covering)	12.9	
29-902-50	Cone for plastic tube D22/30 (30 mm covering)	3.2	

Articulated flange nut 15/120

Forged, galvanized. DIN 18218. DW thread Ø 15 mm, plate Ø 120 mm, max. inclination 10°, SW 27. Max. load capacity 90 kN. Reduces wear of panel coating.

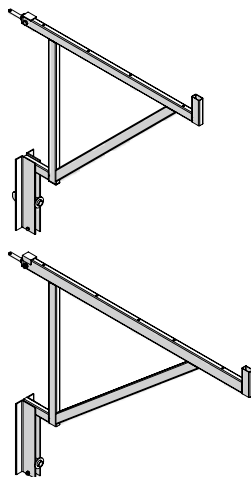


29-900-10	Articulated flange nut 15/120 (SW 27)	1.8	
29-900-18	Articulated flange nut AF - ST/AS	2.3	

	Ref.-No.	Description / Application	m ²	kg
Spanner SW 27 Inset yellow chromated. Spanner width (SW) 27 mm. Is used to tighten and loosen flange nuts 100, articulated flange nuts 15/120 and flange screws.				
	29-800-10	Spanner SW 27		1.8
Drive nut 60 Galvanized. DW thread Ø 15 mm, plate Ø 60 mm. Adm. load capacity 90 kN (DIN 18216). Is used to tie the formwork to the ground or to a wall connection.				
	29-900-23	Drive nut 60		0.5
Tie claw 23 Galvanized. Permits tying (with tie rod DW 15 and flange nut 100) directly above or beside EcoAs and AluFix panels.				
	29-901-44	Tie claw 23		0.2
Crane hooks Coated. Is used to move and crane-gang AluFix and EcoAs panels. Self-locking. Load capacity 6 kN (600 kg). Always two crane hooks required per gang. Refer to the crane hook Operating Instructions for application and safety test.				
	29-103-05	EA/AF-crane hook		6.0
Brace frame 250 Galvanized. Available with formwork-prop connector. Is used to align and brace the formwork. Consists of a push-pull prop R 250 (190–320 cm), a brace SRL 120 (90–150 cm) and a double-jointed footplate. The formwork-prop connectors are attached to the formwork with flange screws 18.				
	29-109-20	Brace frame 250 with formwork-prop connector		31.5
Formwork-prop connector Galvanized. Connects braces, brace frames and push-pull props (max. Ø 48 mm) to the multi-function profile with a flange screw 18. Delivery includes head bolt 16/90 and cotter pin 4.				
	29-804-85	Formwork-prop connector		1.7

Walkway bracket

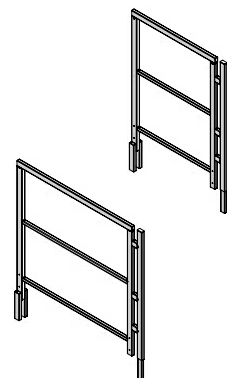
Galvanized, yellow, pluggable. Is used as working and safety scaffold. Is attached to the multi-function profile and secured to the multi-function profile below with a flange screw 18. The planking can be mounted to the brackets. Working width approx. 90 or 125 cm. MEVA Guard-railing post is also required. Bracket spacing depends on type of planking (DIN 4420).



Ref.-No.	Description / Application	m ²	kg
29-106-00	Walkway bracket 90 (yellow), galv.....	10.3	
29-106-50	Walkway bracket 125 (yellow), galv.....	11.8	
29-104-82	Walkway bracket E.....	8.0	

Side railing

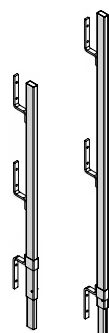
Galvanized. Is plugged into the walkway bracket.



29-108-20	Side railing 90/100, galv.....	12.3	
29-108-30	Side railing 125/100, galv.....	13.8	

Guard-railing post

Galvanized. Is plugged into the walkway bracket.



29-106-75	Guard-railing post 100, galv.....	3.7	
29-106-85	Guard-railing post 140, galv.....	4.7	

Guard-railing post 48

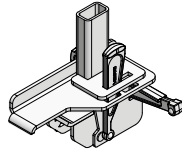
Galvanized. With manifold to be plugged into the walkway bracket and with 48 mm Ø tube to attach scaffold couplers.



29-106-80	Guard-railing post 48/120 (UK), galv.	5.5	
29-920-80	Guard-railing post 48/134.....	5.5	

Tilting bracket 23

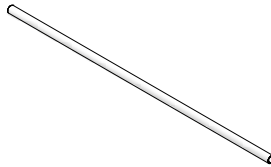
Galvanised. Used to attach MEVA guard-railing posts to create a fall protection system. It can be set up vertically to facilitate the installation of safety meshes or railing boards or inclined by 15° to create a larger working area. Secured with a wedge to the frame profile of 23 mm.



Ref.-No.	Description / Application	m²	kg
29-920-84	..... Tilting bracket 23.....		4.8

Scaffold tube

Galvanized. Is used as hand-rail / mid-rail in combination with guard-railing post 48.



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

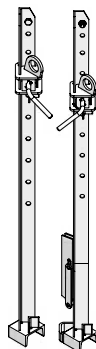
Galvanized. Connects 2 scaffold tubes with Ø 48,3 mm at any angle required.



29-412-52 Swivel-joint coupler 48/48.....	1.2
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Transport angle

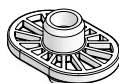
Is used to stack and transport 5 to 12 EcoAs or AluFix panels. Distance between holes 10 cm. We recommend using 2 foldable angles and 2 angles of the rigid type per stack. Max. load capacity is 10 kN per angle. For safety reasons consider 20 kN as maximum capacity for the whole stack.



29-305-15	..... Transport angle 10, rigid type.....	10.4
29-305-10	..... Transport angle 10	16.0

AS/ST safety bolt, black

Plastic, black. Secures stacked AluFix, Ecos, AluStar and StarTec panels.



40-131-10 Safety plug AS/ST stacks, black	19.0
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Ref.-No.	Description / Application	m ²	kg
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AF slab formwork

AluFix slab formwork

AF prop head

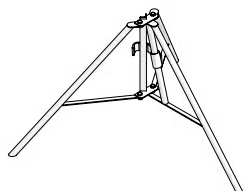
Painted. Supports AluFix panels for slabs up to 46 cm thick. The prop head is plugged to the prop's head or foot plate and secured with pin 14/90 (or with pin 14/135 to the outer tube of the MEP prop).



29-202-80	AF-prop head	1.5
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Tripod

Galvanized auxiliary to stabilize props with Ø 48 to 80 mm. The turnable 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.



29-905-50	Tripod	12.2
29-905-52	Tripod 120	17.7

Pin

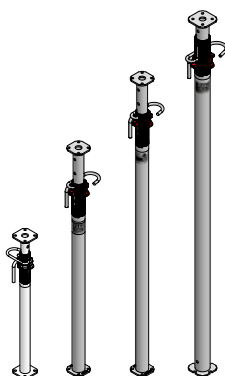
Galvanized. Is used to attach MD drop heads, MD prop heads of forked prop heads, etc. to the props. Pin 14/90 is used for steel tube props up to Ø 63 mm. Pin 14/135 is used with the aluminium profile of MEP props and MEP extension pieces.



29-909-94	Pin 14/90	0.1
29-909-90	Pin 14/135	0.2

EuMax 30

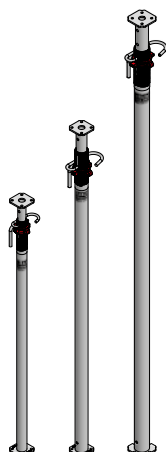
Galvanized. According to European Standard EN 1065, class E. Admissible load capacity 30 kN. Higher load capacities are permitted when used with MEVA formwork (see the MevaDec Technical Instruction Manual).



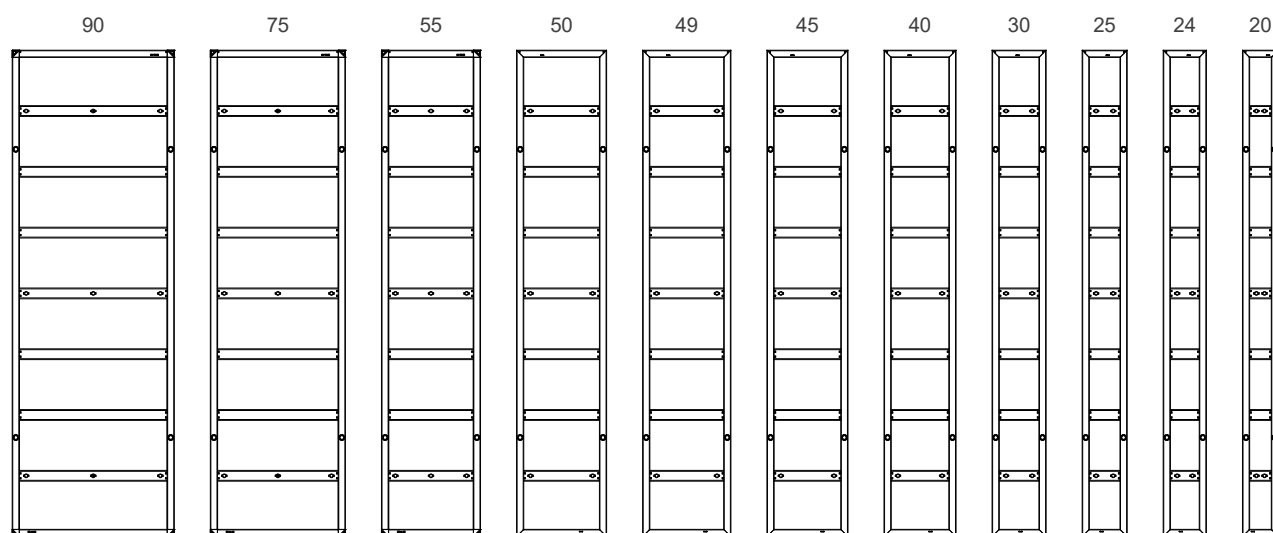
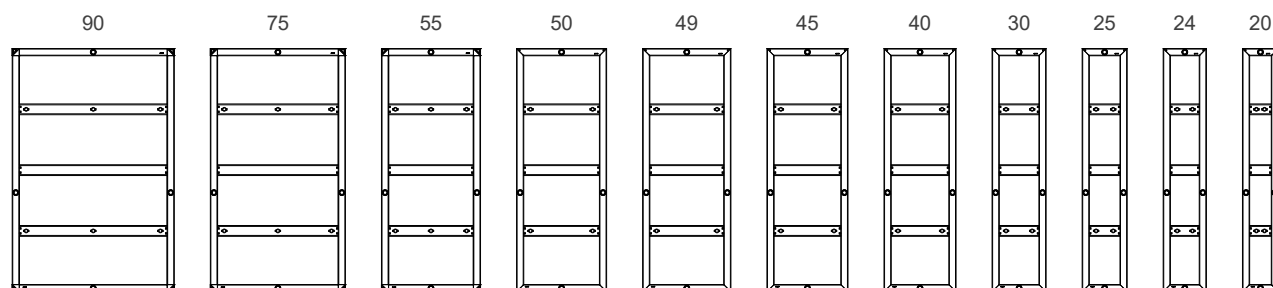
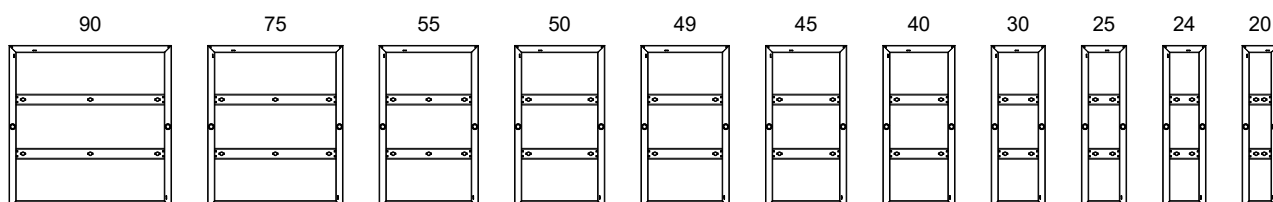
29-907-46	EuMax 30/150	(98-150)	10.4
29-907-51	EuMax 30/250	(152-250)	18.1
79-907-50	ME prop 250/30	(150-250)	17.5
29-907-61	EuMax 30/350	(202-350)	23.0
79-907-60	ME prop 350/30	(200-350)	25.5
29-907-62	EuMax 30/450	(252-450)	32.4

EuMax 20

Galvanized. According to the European Standard EN 1065, class D. The admissible load capacity is 20 kN at any extension. Higher load capacities are permitted when used with MEVA formwork (see the MevaDec Technical Instruction Manual).

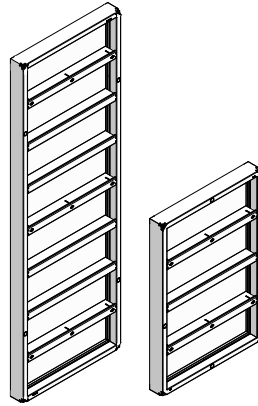


29-907-36	EuMax 20/300	(177-300)	16.9
79-907-35	MD prop 300/20	(175-300)	17.7
29-907-41	EuMax 20/400	(232-400)	23.8
79-907-40	MD prop 400/20	(225-400)	25.6
29-907-45	EuMax 20/550	(302-550)	37.0

Height 270 cm

Height 135 cm

Height 90 cm


AS panels

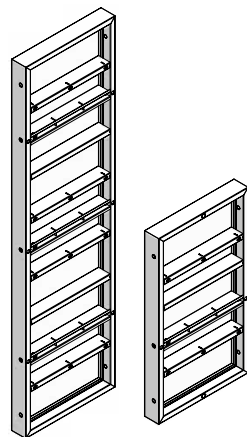
Construction height 12 cm, frame profile width 40 mm. Two tie holes per panel height 270 cm, one tie holes per panel height 135 cm and 90 cm. Absolutely compatible with StarTec panels. The frames of AS panels are made of closed 2-chamber aluminium profiles and are torsion-proof. Thanks to their high-quality annealed powder coating they are easy to clean. AS panels are equipped with alkus facing and ergonomic grip profiles. All-around grooves and AS assembly locks guarantee a tight and perfectly aligned stepless panel connection. Conical anchor sleeves are weld into the frames. Multi-function profiles allow for an easy, fast and safe attachment of accessories.



Ref.-No.	Description / Application	m ²	kg
22-083-01	AS-panel AL 17 270/ 90	2.43	65.1
22-084-01	AS-panel AL 17 270/ 75	2.03	60.2
22-084-31	AS-panel AL 17 270/ 55	1.49	48.6
22-084-34	AS-panel AL 17 270/ 50	1.35	39.1
22-084-37	AS-panel AL 17 270/ 49	1.32	39.0
22-084-46	AS-panel AL 17 270/ 45	1.22	36.3
22-084-56	AS-panel AL 17 270/ 40	1.08	33.5
22-084-71	AS-panel AL 17 270/ 30	0.81	27.8
22-084-76	AS-panel AL 17 270/ 25	0.68	25.0
22-084-81	AS-panel AL 17 270/ 24	0.65	24.5
22-084-86	AS-panel AL 17 270/ 20	0.54	22.2
22-085-01	AS-panel AL 17 135/ 90	1.22	35.5
22-086-01	AS-panel AL 17 135/ 75	1.01	31.2
22-086-31	AS-panel AL 17 135/ 55	0.74	25.5
22-086-34	AS-panel AL 17 135/ 50	0.68	20.4
22-086-37	AS-panel AL 17 135/ 49	0.66	20.0
22-086-46	AS-panel AL 17 135/ 45	0.61	18.9
22-086-56	AS-panel AL 17 135/ 40	0.54	17.4
22-086-71	AS-panel AL 17 135/ 30	0.41	14.5
22-086-76	AS-panel AL 17 135/ 25	0.34	12.9
22-086-81	AS-panel AL 17 135/ 24	0.32	12.6
22-086-86	AS-panel AL 17 135/ 20	0.27	11.4
22-087-01	AS-panel AL 17 90/90	0.81	21.6
22-087-26	AS-panel AL 17 90/75	0.68	18.6
22-087-46	AS-panel AL 17 90/55	0.50	14.6
22-087-51	AS-panel AL 17 90/50	0.45	13.6
22-087-53	AS-panel AL 17 90/49	0.44	13.4
22-087-56	AS-panel AL 17 90/45	0.41	12.5
22-087-61	AS-panel AL 17 90/40	0.36	11.5
22-087-71	AS-panel AL 17 90/30	0.27	9.5
22-087-76	AS-panel AL 17 90/25	0.23	8.6
22-087-81	AS-panel AL 17 90/24	0.22	8.4
22-087-86	AS-panel AL 17 90/20	0.18	7.6

ST Multi-purpose panel

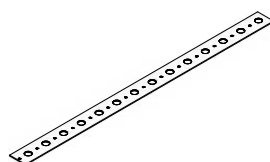
StarTec panel with perforated profiles to be used as column formwork or to concrete pilasters, stop ends, connections to existing walls, corner configurations, etc. Is used in connection with stop end fixture 23/40.



21-212-26	ST-multi-purpose panel AL 17, 270/75	2.03	103.5
21-212-46	ST-multi-purpose panel AL 17, 135/75	1.01	52.2

Foundation tape

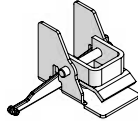
Galvanized. Hole spacing 50 mm; hole Ø 16 mm, 50 m. Adm. tractive force 10 kN. To be cut at hole center. Serves together with the appropriate tensioners as bottom anchoring when panels are assembled in horizontal position.



29-307-50	Foundation tape 50 m		20.0
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Tensioner AS/ST for foundation tape

Galvanized. Connects the foundation tape to AluStar or StarTec panels and serves as bottom anchoring when panels are assembled in horizontal position. Two tensioners are required per anchoring position.



Ref.-No.	Description / Application	m²	kg
29-307-70	Tensioner AS/ST for foundation tape	1.4	

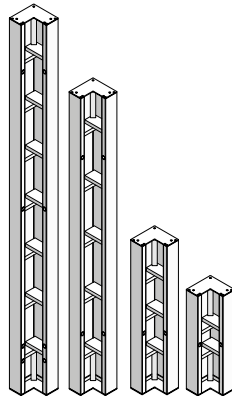
Trolley for foundation tape

Not shown. Galvanized. Is used to transport and cut foundation tape to length. Suitable for one roll. Pneumatic wheels.

29-307-55	Trolley for foundation tape	21.8	
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AS inside corner AL

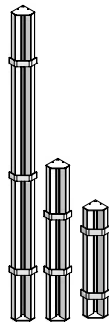
Aluminium with high-quality annealed powder coating. For 90° corner configurations. Side length 25 cm. With tie holes.



22-150-22	AS-inside corner 330/25 AL	0.85	42.2
22-150-24	AS-inside corner 270/25 AL	1.35	34.5
22-150-34	AS-inside corner 135/25 AL	0.68	18.7
22-150-44	AS-inside corner 90/25 AL	0.45	13.2

AS/ST outside corner

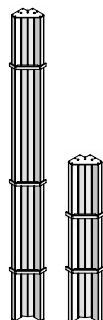
Aluminium with high-quality annealed powder coating. Provides together with ST panels and AS assembly locks a fast and stable outside corner assembly for 90° angles.



22-140-20	AS/ST-outside corner 270	13.0	
22-140-30	AS/ST-outside corner 135	6.8	
22-140-40	AS/ST-outside corner 90	4.8	

Outside corner Alu(minium)

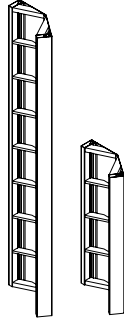
Aluminium with high-quality annealed powder coating. Facing 5 cm wide on both sides, integrated chamfer strip. Provides together with EA panels EA assembly locks a fast and tight outside corner assembly for 90° angles.



22-140-25	Outside corner Alu 270/5	0.27	16.1
22-140-35	Outside corner Alu 135/5	0.14	8.4

AS hinged inside corner

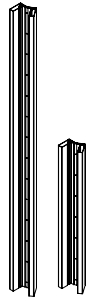
Steel construction with steel sheeting.
Primed and cavity-sealed. Side length
30 cm. Adjustable angle 60°–180°.



Ref.-No.	Description / Application	m ²	kg
21-270-00	AS-hinged inside corner 270/30	1.62	73.0
21-270-10	AS-hinged inside corner 135/30	0.81	37.0

AS hinged outside corner

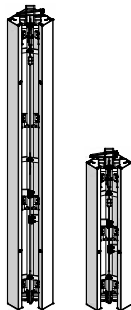
Steel construction with steel sheeting.
Primed and cavity-sealed. Side length
7.5 cm. Adjustable angle 60°–180°.



21-280-00	AS-hinged outside corner 270/7,5	0.40	45.0
21-280-10	AS-hinged outside corner 135/7,5	0.20	22.0

ST stripping corner

Steel construction with steel sheeting.
Primed and cavity-sealed. Side length
25 cm. With tie holes. When the bell-crank
lever is pushed upwards with a crowbar,
the corner is removed 17.5 mm away from
the concrete and the formwork 35 mm
away from the concrete on both sides.



21-262-10	ST stripping corner 270/25	1.35	146.0
21-262-30	ST stripping corner 135/25	0.68	82.0

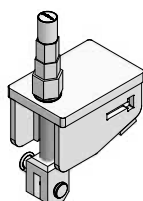
Adhesive tape, red

Not shown. Reinforced adhesive tape, red,
50 mm wide, 50 running metres. Total
thickness: 270 µm. Natural rubber adhesive
on one side. PE-coated.

41-912-10	Adhesive tape 50 m, red	0.8
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Stripping support

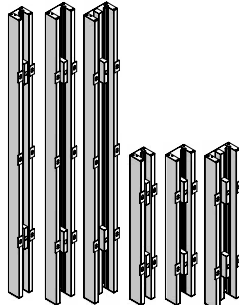
The stripping support is used to easily activate the stripping corner from above. Use a power screwdriver, a ratchet wrench or a spanner to activate the stripping support. The tools must have SW 27 or 30 or 36.



29-306-30	Stripping support	5.0
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AS radius panel

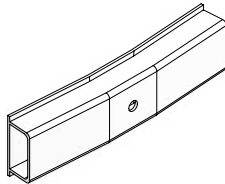
Steel construction with steel sheeting.
Primed and cavity-sealed. Allows the
AluStar and StarTec formwork to be used
as polygonal formwork.



Ref.-No.	Description / Application	m ²	kg
21-500-00	AS-radius panel 270/15.....	0.41	38.9
21-500-10	AS-radius panel 270/20.....	0.54	42.7
21-500-20	AS-radius panel 270/25.....	0.68	50.0
21-500-40	AS-radius panel 135/15.....	0.20	21.1
21-500-50	AS-radius panel 135/20.....	0.27	23.0
21-500-60	AS-radius panel 135/25.....	0.34	26.4

AS tensioning bow

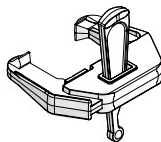
Takes up the anchor load when form-
ing polygonal constructions with radius
panels.



21-500-95	AS-tensioning bow	5.4
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AS assembly lock

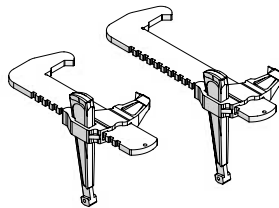
Galvanized. Tightly connects and aligns
AluStar and StarTec panels. Clamping
length 8 cm.



29-205-00	AS-assembly lock	2.0
29-103-30	Transition lock AF - ST/AS.....	3.2

Uni-assembly lock

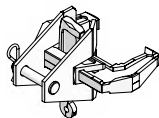
Galvanized. For stepless compensation.
Clamping length 22 cm or 28 cm.



29-400-85	Uni-assembly lock 22	3.6
29-400-90	Uni-assembly lock 28	3.9

Combi-lock with coupling

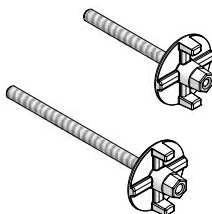
Galvanized. Is used to attach the push-pull
props at the panel joint of the wall form-
work profile widths of 40 and 60 mm.
Clamping length 8, 10 and 12 cm.



29-804-60	Combi-lock with coupling	3.7
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Flange screw

Galvanized. DW thread Ø 15 mm. Is used
to attach accessories, e.g. alignment rails,
brace frames, push-pull props, etc. Length of
thread 18 cm or 27 cm.



29-401-10	Flange screw 18.....	1.1
29-401-12	Flange screw 28.....	1.2

ST aluminium filler

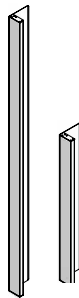
Aluminium with high-quality powder coating. With tie holes. For length compensation of 5 cm, especially in corners. 2 or 3 Uni-assembly locks are required for each filler.



Ref.-No.	Description / Application	m ²	kg
21-270-60	..... ST-aluminium filler 270/5	0.14	7.9
21-270-65	..... ST-aluminium filler 135/5	0.07	4.2

ST compensation plate

Steel construction with steel sheeting. Primed and cavity-sealed. Is used to compensate gaps of 8 to 20 cm and attached to the panel with 2 assembly locks. Alignment rails must be used to bridge and align the panels with the compensation plate.



21-300-15	..... ST-compensation plate 330/20	0.66	38.2
21-300-20	..... ST-compensation plate 270/20	0.60	30.0
21-300-30	..... ST-compensation plate 135/20	0.30	15.0

AS timber profile

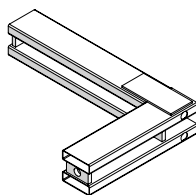
Timber profile with groove. Is used for job-built fillers of 14 cm or more or to connect job-built formwork with 21 mm forming face. Is attached to the AS/ST panels with 2 AS assembly locks. Delivery and weight by pairs.



29-200-03	..... AS-timber profile 270/21	5.5
29-200-05	..... AS-timber profile 135/21	2.7

Corner angle 40/60

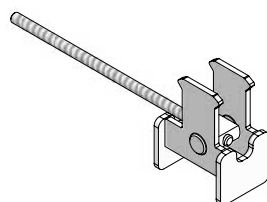
Galvanized. Side lengths 40 and 60 cm. For inside and outside corners.



29-402-25 Corner angle 40/60.....	9.5
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Stop end fixture 23/40 yellow

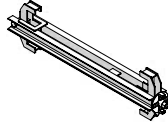
Yellow chromated. Is used to attach alignment rails to the panels when forming stop ends are formed. Or is used in connection with multi-purpose panels (EcoAs, StarTec) to form outer corners or abutments. Suited for the frame profiles of EcoAs and AluFix (23 mm) and AluStar/StarTec (40 mm). A flange nut 100 or an articulated flange nut 15/120 are required in addition.



29-402-85 Stop end fixture 23/40 (yellow)	3.0
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Stop end bracket

Galvanized. Is used to form stop ends. Stop end bracket 40/60 for wall thickness up to 40 cm and profile widths of 40 and 60 mm. Stop end bracket 2.5' - 60/23 for wall thickness up to 75 cm (2.5') and profile widths of 23 mm (EcoAs) and 60 mm.



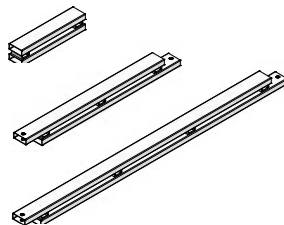
Plug D20

Is used to close unused tie holes (AluFix, EcoAs, AluFix, AluStar and StarTec).



Alignment rail

Galvanized. Is used to brace panel joints for crane ganging, bridge problem areas, brace compensation areas and build stop ends with stop end fixtures. Is attached to the formwork with flange screws.



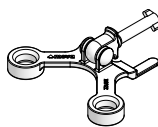
Tie rod DW 15/90

Uncoated, not weldable. DIN 18216. DW thread Ø 15 mm. Is used to tie panels of double-sided formwork. Adm. load 90 kN.



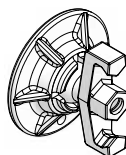
Tie rod holder

Galvanized. To hold DW tie rods with articulated flange nut, XT tie rods or XT taper ties. Can be used with horizontal or vertical MEVA wall formwork panels.



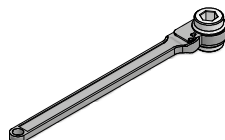
Articulated flange nut 15/120

Forged, galvanized. DIN 18216. DW thread Ø 15 mm, plate Ø 120 mm, max. inclination 10°, SW 27. Max. load capacity 90 kN. Reduces wear of panel coating.



Spanner SW 27

Inset yellow chromated. Spanner width (SW) 27 mm. Is used to tighten and loosen flange nuts 100, articulated flange nuts 15/120 and flange screws.



Ref.-No.	Description / Application	m ²	kg
29-105-50	Stop end bracket 40/60	15.4	
29-105-45	Stop end bracket 23/40	12.2	

29-902-63	Plug D20	0.1	
29-902-62	Plug D20 without imprint	0.1	

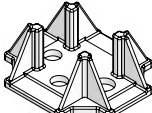
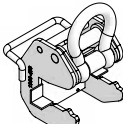
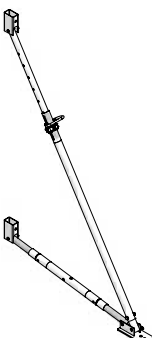
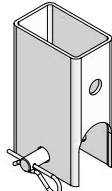
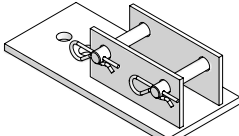
29-201-73	AS-alignment rail 50, galv.	5.2	
29-201-75	AS-alignment rail 125, galv.	10.5	
29-201-80	AS-alignment rail 200, galv.	19.0	

29-900-80	Tie rod DW 15/90	1.3	
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29-927-10	Tie rod holder	1.1	
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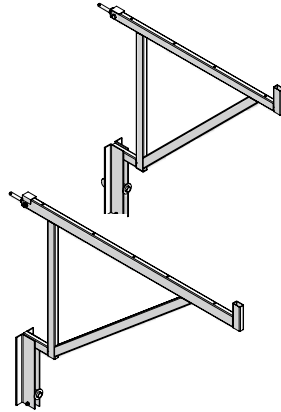
29-900-10	Articulated flange nut 15/120 (SW 27)	1.8	
29-900-18	Articulated flange nut AF - ST/AS	2.3	

29-800-10	Spanner SW 27	1.8	
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	Ref.-No.	Description / Application	m ²	kg
Uni-tie claw Galvanized. Permits tying directly above or beside the panels. Is suited for panels with profile widths of 40 and 60 mm.	29-901-41	Uni-tie claw	1.5	
				
AS crane hook Is used to move panels. Self-locking. Load capacity: 15 kN (1.5 tons). Always 2 crane hooks required per gang. For use and safety check see the Operating Instructions.	29-203-89	AS-crane hook	6.0	
				
Brace frame 250 Galvanized. Available with formwork-prop connector. Is used to align and brace the formwork. Consists of a push-pull prop R 250 (190–320 cm), a brace SRL 120 (90–150 cm) and a double-jointed footplate. The formwork-prop connectors are attached to the formwork with flange screws 18.	29-109-20	Brace frame 250 with formwork-prop connector	31.5	
				
Formwork-prop connector Galvanized. Connects braces, brace frames and push-pull props (max. Ø 48 mm) to the multi-function profile with a flange screw 18. Delivery includes head bolt 16/90 and cotter pin 4.	29-804-85	Formwork-prop connector	1.7	
				
Double-jointed foot plate Galvanized. Delivery includes head bolt 16/90 and cotter pin 4. Serves as foot plate for brace frames 250 and as connector for braces and push-pull props up to Ø 57 mm.	29-402-32	Double-jointed foot plate (RS Ø to 57 mm)	4.0	
				

Walkway bracket

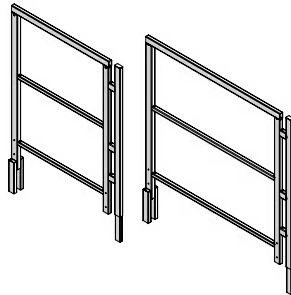
Galvanized, yellow, pluggable. Is used as working and safety scaffold. Is attached to the multi-function profile and secured to the multi-function profile below with a flange screw 18. The planking can be mounted to the brackets. Working width approx. 90 or 125 cm. MEVA Guard-railing post is also required. Bracket spacing depends on type of planking (DIN 4420).



Ref.-No.	Description / Application	m ²	kg
29-106-00	Walkway bracket 90 (yellow), galv.....	10.3	
29-106-50	Walkway bracket 125 (yellow), galv.....	11.8	

Side railing

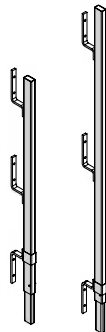
Galvanized. Is plugged into the walkway bracket.



29-108-20	Side railing 90/100, galv.....	12.3	
29-108-30	Side railing 125/100, galv.....	13.8	

Guard-railing post

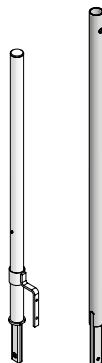
Galvanized. Is plugged into the walkway bracket.



29-106-75	Guard-railing post 100, galv.....	3.7	
29-106-85	Guard-railing post 140, galv.....	4.7	

Guard-railing post 48

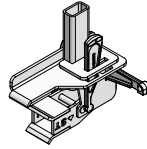
Galvanized. With manifold to be plugged into the walkway bracket and with 48 mm Ø tube to attach scaffold couplers.



29-106-80	Guard-railing post 48/120 (UK), galv.	5.5	
29-920-80	Guard-railing post 48/134.....	5.5	

Tilting bracket 40/60

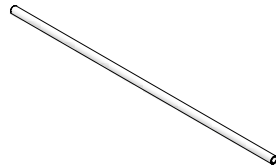
Galvanised. Used to attach MEVA guardrail-
ing posts to create a fall protection system.
It can be set up vertically to facilitate the
installation of safety meshes or railing
boards or inclined by 15° to create a larger
working area. Secured with a wedge to the
frame profile of 40 and 60 mm.



Ref.-No.	Description / Application	m²	kg
29-920-82	..... Tilting bracket 40/60	.....	4.9

Scaffold tube

Galvanized. Is used as hand-rail in combi-
nation with guard-railing post 48.



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

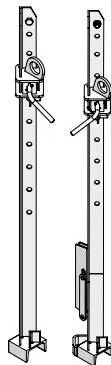
Galvanized. Connects 2 scaffold tubes
with Ø 48.3 mm at any angle required.



29-412-52 Swivel-joint coupler 48/48	1.2
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Transport angle 12

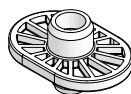
Is used to stack and transport 5 to
12 frame formwork panels with a con-
struction height of 12 cm and 12 cm hole
distance. Max. load capacity is 10 kN per
angle. For safety reasons consider 20 kN as
max. capacity for the whole stack. It is rec-
ommended to use 2 foldable angles and
2 angles of the rigid type for each stack.



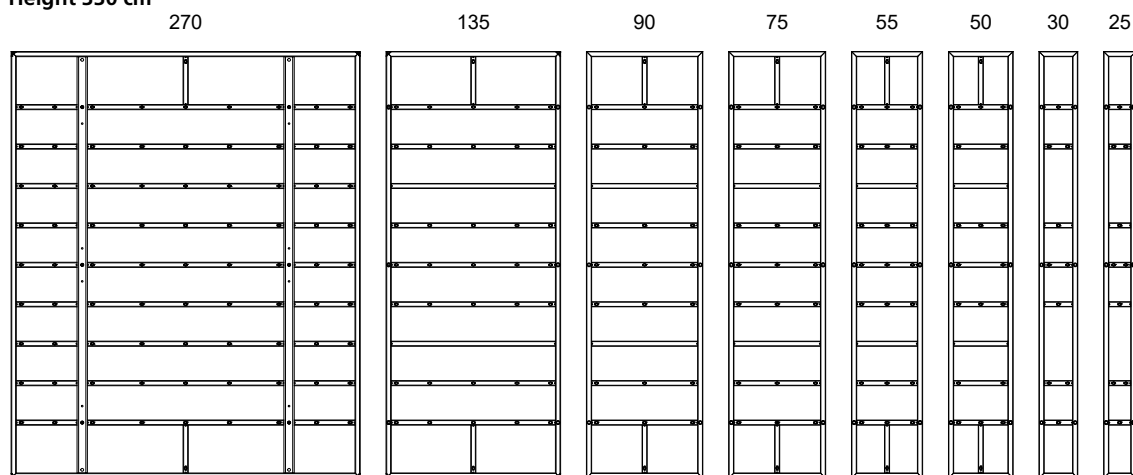
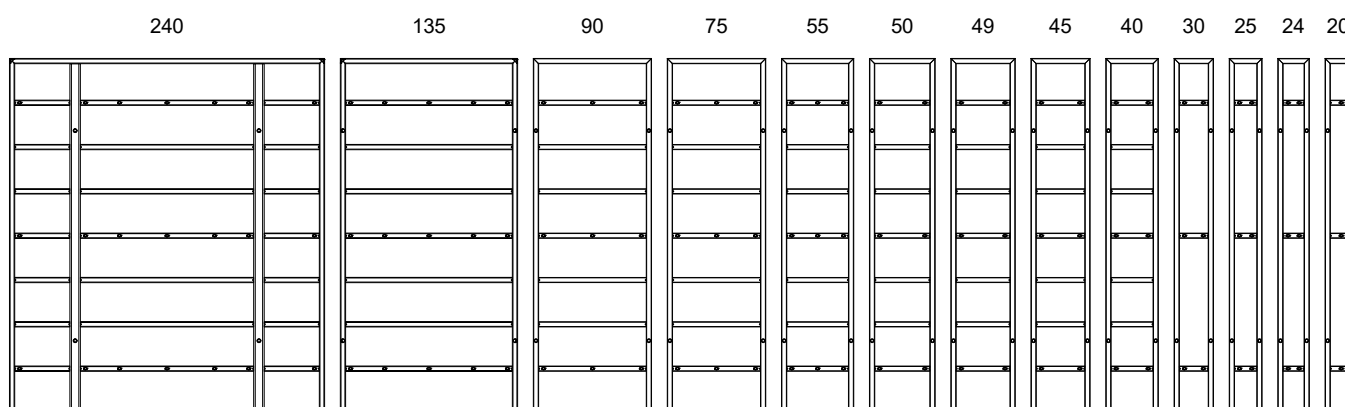
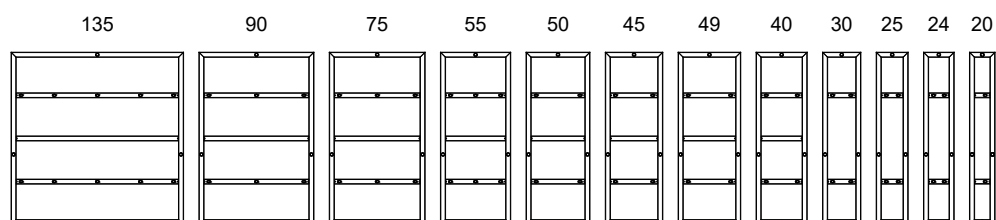
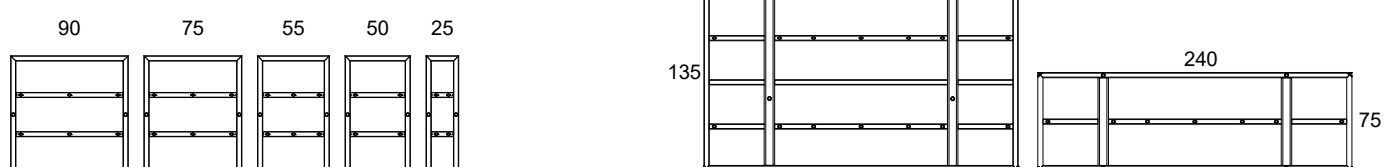
29-305-20	..... Transport angle 12	.....	16.5
29-305-25	..... Transport angle 12, rigid type	.....	12.7

AS/ST safety bolt

Plastic, black. Secures stacked AluStar and
StarTec panels.

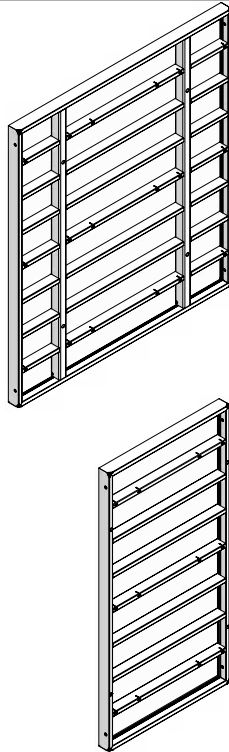


40-131-10 Safety plug AS/ST stacks, black	19.0
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Height 330 cm

Height 270 cm

Height 135 cm

Height 90 cm


ST panels

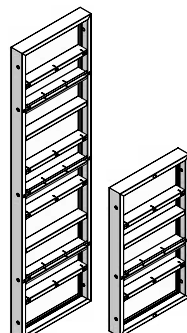
Construction height 12 cm, frame profile width 40 mm. Three tie holes per panel height 330 cm, two tie holes per panel height 270 cm, one tie hole per panel height 135 cm and 90 cm. Absolutely compatible with AluStar panels. The frames of ST panel frames are made of closed steel profiles and are torsion-proof. ST panels are equipped with alku facing. All-around grooves and AS assembly locks guarantee a tight and perfectly aligned stepless panel connection. Conical anchor sleeves are weld into the frames. Multi-function profiles permit an easy, fast and safe attachment of accessories.



Ref.-No.	Description / Application	m ²	kg
21-217-01	ST-panel AL 20 330/270	8.91	543.0
21-217-06	ST-panel AL 20 330/135	4.46	253.0
21-217-11	ST-panel AL 17 330/ 90	2.97	125.5
21-217-26	ST-panel AL 17 330/ 75	2.48	112.0
21-217-46	ST-panel AL 17 330/ 55	1.82	93.5
21-217-49	ST-panel AL 17 330/ 50	1.65	88.0
21-217-71	ST-panel AL 17 330/ 30	0.99	62.0
21-217-76	ST-panel AL 17 330/ 25	0.83	58.0
21-200-03	ST-panel AL 20 270/240	6.48	388.0
21-200-06	ST-panel AL 20 270/135	3.65	206.5
21-200-11	ST-panel AL 17 270/ 90	2.43	103.4
21-200-26	ST-panel AL 17 270/ 75	2.03	90.9
21-200-46	ST-panel AL 17 270/ 55	1.49	72.8
21-200-49	ST-panel AL 17 270/ 50	1.35	67.9
21-200-52	ST-panel AL 17 270/ 49	1.32	67.1
21-200-56	ST-panel AL 17 270/ 45	1.22	64.0
21-200-61	ST-panel AL 17 270/ 40	1.08	60.2
21-200-71	ST-panel AL 17 270/ 30	0.81	48.4
21-200-76	ST-panel AL 17 270/ 25	0.68	45.7
21-200-78	ST-panel AL 17 270/ 24	0.65	44.9
21-200-81	ST-panel AL 17 270/ 20	0.54	41.4
21-210-06	ST-panel AL 17 135/135	1.82	74.7
21-210-11	ST-panel AL 17 135/ 90	1.22	53.6
21-210-26	ST-panel AL 17 135/ 75	1.01	47.3
21-210-46	ST-panel AL 17 135/ 55	0.74	38.6
21-210-49	ST-panel AL 17 135/ 50	0.68	36.0
21-210-52	ST-panel AL 17 135/ 49	0.66	35.8
21-210-56	ST-panel AL 17 135/ 45	0.61	33.9
21-210-61	ST-panel AL 17 135/ 40	0.54	31.0
21-210-71	ST-panel AL 17 135/ 30	0.41	26.7
21-210-76	ST-panel AL 17 135/ 25	0.34	25.0
21-210-78	ST-panel AL 17 135/ 24	0.32	24.4
21-210-81	ST-panel AL 17 135/ 20	0.27	21.1
21-211-11	ST-panel AL 17 90/ 90	0.81	39.3
21-211-26	ST-panel AL 17 90/ 75	0.68	34.6
21-211-46	ST-panel AL 17 90/ 55	0.50	28.3
21-211-49	ST-panel AL 17 90/ 50	0.45	26.0
21-211-76	ST-panel AL 17 90/ 25	0.23	18.1
21-215-00	ST-panel AL 20 135/240	3.24	221.0
21-215-60	ST-panel AL 20 75/240	1.80	129.1
21-215-65	ST Panel AL 20 90/240	2.16	153.1
21-212-26	ST-multi-purpose panel AL 17, 270/75	2.03	103.5
21-212-46	ST-multi-purpose panel AL 17, 135/75	1.01	52.2

ST panel ... /240 AL20

Suited to stack ST-panels 270/240 at top or at bottom.

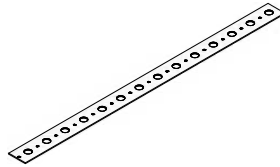


ST multi-purpose panel AL 17

StarTec panel with multi-adjustment profiles. Usable as column formwork or to concrete pilasters, stop ends, connections to existing walls, corner configurations, etc. Is used with stop end fixture 23/40.

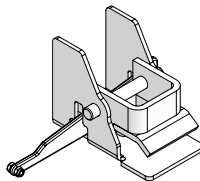
Foundation tape

Galvanized. Hole spacing 50 mm; hole Ø 16 mm, 50 m. Adm. tractive force 10 kN. To be cut at hole center. Serves together with the appropriate tensioners as bottom anchoring when panels are assembled in horizontal position.



Tensioner AS/ST for foundation tape

Galvanized. Connects the foundation tape to AluStar or StarTec panels and serves as bottom anchoring when panels are assembled in horizontal position. Two tensioners are required per anchoring position.

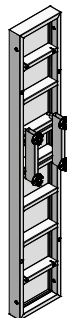


Trolley for foundation tape

Not shown. Galvanized. Is used to transport and cut foundation tape to length. Suitable for one roll. Pneumatic wheels.

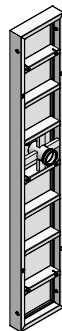
ST panel 270/45 with concreting window

Is used to control the pouring process when control is not possible from above.



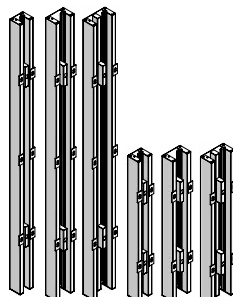
ST panel AL 17, 270/45 with filling nozzle

Is used when concrete cannot be poured from above, e.g. tunnel formwork. Connection with a manual gate valve. Operating pressure: 20 bar.



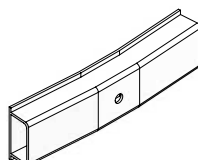
AS radius panel

Steel construction with steel sheeting. Primed and cavity-sealed. Allows the AluStar and StarTec formwork to be used as polygonal formwork.



AS tensioning bow

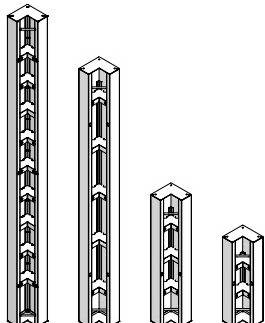
Takes up the anchor load when forming polygonal constructions with radius panels.



Ref.-No.	Description / Application	m ²	kg
29-307-50	Foundation tape 50 m	20.0	
29-307-70	Tensioner AS/ST for foundation tape	1.4	
29-307-55	Trolley for foundation tape	21.8	
21-213-60	ST-panel 270/45 with concreting window	1.22	75.0
21-213-55	ST-panel 270/45 with filling nozzle	1.22	73.0
29-914-50	Manual gate valve SK 100 - 4½	19.0	
29-207-60	Lever coupling SK-H DN 100 - 4½	3.8	
29-207-50	Filling nozzle cleaner SK 100/800	7.2	
62-031-55	Sealing washer A SK 100 - 4½	0.1	
29-914-45	Manual gate valve SK 125 - 5½	15.6	
29-207-65	Lever coupling SK-H DN 125 - 5½	5.1	
29-207-55	Filling nozzle cleaner SK 125/800	9.6	
62-031-56	Sealing washer A SK 125 - 5½	0.2	
21-500-00	AS-radius panel 270/15	0.41	38.9
21-500-10	AS-radius panel 270/20	0.54	42.7
21-500-20	AS-radius panel 270/25	0.68	50.0
21-500-40	AS-radius panel 135/15	0.20	21.1
21-500-50	AS-radius panel 135/20	0.27	23.0
21-500-60	AS-radius panel 135/25	0.34	26.4
21-500-95	AS-tensioning bow	5.4	

ST inside corner

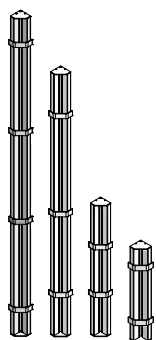
For 90° corners. Side length 25 cm. Steel frame with tie holes and alkus facing or exchangeable steel sheet.



Ref.-No.	Description / Application	m²	kg
21-251-00	ST-inside corner 330/25 AL	1.65	87.0
21-251-05	ST-inside corner 270/25 AL	1.35	69.5
21-251-35	ST-inside corner 135/25 AL	0.68	38.0
21-251-65	ST-inside corner 90/25 AL	0.45	27.0

AS/ST outside corner

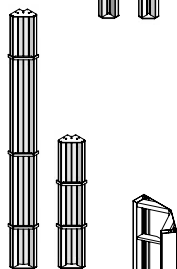
Aluminium. Provides together with ST panels and AS assembly locks a fast and stable outside corner assembly for 90° angles.



22-140-10	ST-outside corner 330	15.8
22-140-20	AS/ST-outside corner 270	13.0
22-140-30	AS/ST-outside corner 135	6.8
22-140-40	AS/ST-outside corner 90	4.8

Outside corner Alu(minium)

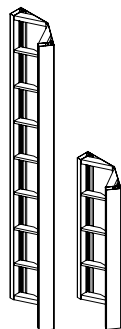
Aluminium. Facing 5 cm wide on both sides, integrated chamfer strip. Provides together with ST panels and AS assembly locks a fast and tight outside corner assembly for 90° angles.



22-140-25	Outside corner Alu 270/5	0.27	16.1
22-140-35	Outside corner Alu 135/5	0.14	8.4

AS hinged inside corner

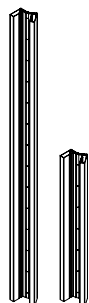
Steel construction with steel sheeting. Side length 30 cm. Adjustable angle 60°–180°.



21-270-20	ST-hinged inside corner 330/30	1.98	125.0
21-270-00	AS-hinged inside corner 270/30	1.62	73.0
21-270-10	AS-hinged inside corner 135/30	0.81	37.0

AS hinged outside corner

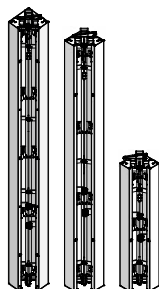
Steel construction with steel sheeting. Side length 7.5 cm. Adjustable angle 60°–180°.



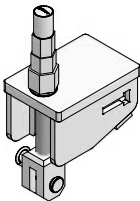
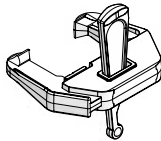
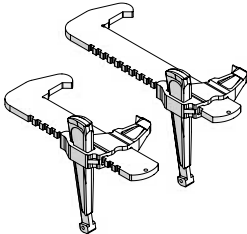
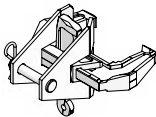
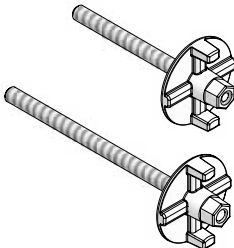

21-280-20	ST-hinged outside corner 330/7,5	0.49	62.5
21-280-00	AS-hinged outside corner 270/7,5	0.40	45.0
21-280-10	AS-hinged outside corner 135/7,5	0.20	22.0

ST stripping corner

Steel construction with steel sheeting. Side length 25 cm. With tie holes. When the bell-crank lever is pushed upwards with a crowbar, the corner is removed 17.5 mm away from the concrete and the formwork 35 mm away from the concrete on both sides.

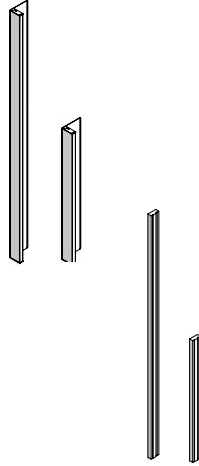


21-262-05	ST stripping corner 330/25	1.65	172.0
21-262-10	ST stripping corner 270/25	1.35	146.0
21-262-30	ST stripping corner 135/25	0.68	82.0

	Ref.-No.	Description / Application	m ²	kg
Adhesive tape, red Not shown. Reinforced adhesive tape, red, 50 mm wide, 50 running metres. Total thickness: 270 µm. Natural rubber adhesive on one side. PE-coated.	41-912-10	Adhesive tape 50 m, red	0.8	
Stripping support The stripping support is used to easily activate the stripping corner from above. Use a power screwdriver, a ratchet wrench or a spanner to activate the stripping support. The tools must have SW 27 or 30 or 36.	29-306-30	Stripping support	5.0	
				
AS assembly lock Galvanized. Tightly connects and aligns AluStar and StarTec panels. Clamping length 8 cm.	29-205-00	AS-assembly lock	2.0	
				
Uni-assembly lock Galvanized. For stepless compensation. Clamping length 22 cm or 28 cm.	29-400-85	Uni-assembly lock 22	3.6	
	29-400-90	Uni-assembly lock 28	3.9	
Combi-lock with coupling Galvanized. Is used to attach the push-pull props at the panel joint of the wall formwork profile widths of 40 and 60 mm. Clamping length 8, 10 and 12 cm.	29-804-60	Combi-lock with coupling	3.7	
				
Flange screw Galvanized. DW thread Ø 15 mm. Is used to attach accessories, e.g. alignment rails, brace frames, push-pull props, etc. Length of thread 18 cm or 27 cm.	29-401-10	Flange screw 18	1.1	
	29-401-12	Flange screw 28	1.2	
ST aluminium filler Aluminium with high-quality annealed powder coating. With tie holes. For length compensation of 5 cm, especially in corners. 2 or 3 Uni-assembly locks are required for each filler.	21-270-60	ST-aluminium filler 270/5	0.14	7.9
	21-270-65	ST-aluminium filler 135/5	0.07	4.2

ST compensation plate

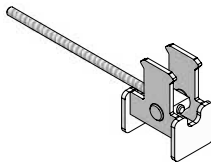
Steel construction with steel sheeting. Is used to compensate gaps of 8 to 20 cm and attached to the panel with 2 assembly locks. Alignment rails must be used to bridge and align the panels with the compensation plate.



Ref.-No.	Description / Application	m ²	kg
21-300-15	ST-compensation plate 330/20	0.66	38.2
21-300-20	ST-compensation plate 270/20	0.60	30.0
21-300-30	ST-compensation plate 135/20	0.30	15.0

AS timber profile

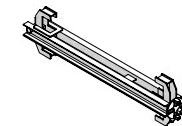
Timber profile with groove. To support job-built fillers of 14 cm or more or to connect job-built formwork with 21 mm forming face; is attached to the AS/ST-panels with 2 AS-assembly locks. Delivery and weight by pairs.



29-200-03	AS-timber profile 270/21	5.5
29-200-05	AS-timber profile 135/21	2.7

Stop end fixture 23/40 yellow

Yellow chromated. To attach alignment rails to the panels when stop ends are formed; or it is used in connection with multi-purpose panels (EcoAs, StarTec) to form outer corners or abutments. It is suited for the frame profiles of EcoAs and AluFix (23 mm) and AluStar/StarTec (40 mm). A flange nut 100 or an articulated flange nut 15/120 are required in addition.



29-402-85	Stop end fixture 23/40 (yellow)	3.0
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Stop end bracket

Galvanized. Is used to form stop ends. Stop end bracket 40/60 for wall thickness up to 40 cm and profile widths of 40 and 60 mm. Stop end bracket 2.5' - 60/23 for wall thickness up 75 cm (2.5') and profile widths of 23 mm (EcoAs) and 60 mm.

29-105-50	Stop end bracket 40/60	15.4
29-105-45	Stop end bracket 23/40	12.2

Plug D20

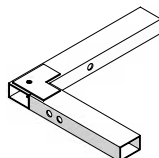
Is used to close unused tie holes (AluFix, EcoAs, AluFix, AluStar and StarTec).



29-902-63	Plug D20	0.1
29-902-62	Plug D20 without imprint	0.1

M outside corner bracket

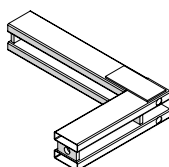
Galvanized. Provides together with AS/ST panels and flange screw 18 it provides a tight outside corner assembly. Primarily used for concreting heights over 405 cm.



23-137-63	M-outside corner bracket, galv.	12.0
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Corner angle 40/60

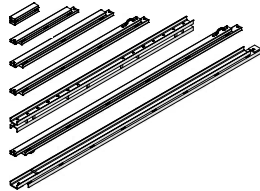
Galvanized. Side lengths 40 and 60 cm. For inside and outside corners.



29-402-25	Corner angle 40/60	9.5
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Alignment rail

Galvanized. Is used to brace panel joints for crane ganging, bridge problem areas, brace compensation areas and build stop ends with stop end fixtures. Is attached to the formwork with flange screws.



Ref.-No.	Description / Application	m ²	kg
29-201-73	AS-alignment rail 50, galv.	5.2	
29-201-75	AS-alignment rail 125, galv.	10.5	
29-400-92	M-alignment rail 180, galv.	24.8	
29-402-50	M-alignment rail 250, galv.	34.5	
29-402-45	M-alignment rail 350, reinforced	124.0	
29-402-40	M-alignment rail 450	84.0	
29-402-38	M-alignment rail 450, reinforced	159.0	

Tie rod DW 15/90

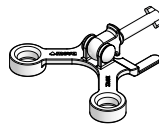
Uncoated, not weldable. DW thread Ø 15 mm; adm. load capacity 90 kN (DIN 18216); is used to tie panels of a double-sided formwork.



29-900-80	Tie rod DW 15/90	1.3	
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Tie rod holder

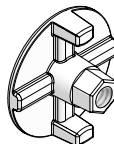
Galvanized. To hold DW tie rods with articulated flange nut, XT tie rods or XT taper ties. Can be used with horizontal or vertical MEVA wall formwork panels.



29-927-10	Tie rod holder	1.1	
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Flange nut 100

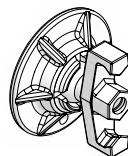
Forged, galvanized. DIN 18216. DW thread Ø 15 mm, plate Ø 100 mm, SW 27. Admissible load 90 kN.



29-900-20	Flange nut 100 (SW 27, forged)	0.7	
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Articulated flange nut 15/120

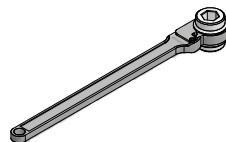
Forged, galvanized. DIN 18216. DW thread Ø 15 mm, plate Ø 120 mm, max. inclination 10°, SW 27. Max. load capacity 90 kN. Reduces wear of panel coating.



29-900-10	Articulated flange nut 15/120 (SW 27)	1.8	
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Spanner SW 27

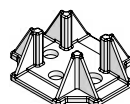
Inset yellow chromated. Spanner width (SW) 27 mm. Is used to tighten and loosen flange nuts 100, articulated flange nuts 15/120 and flange screws.



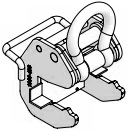
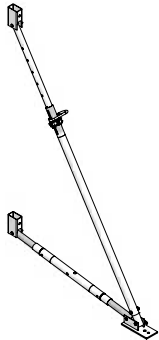
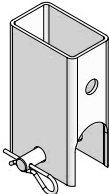
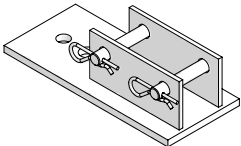
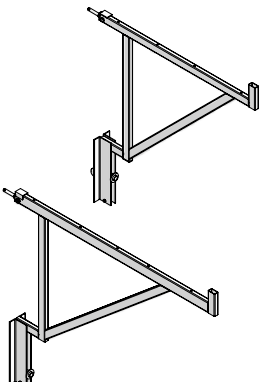
29-800-10	Spanner SW 27	1.8	
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Uni-tie claw

Galvanized. Permits tying directly above or beside the panels. Is suited for panels with profile widths of 40 and 60 mm.

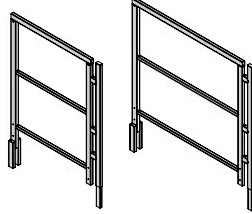


29-901-41	Uni-tie claw	1.5	
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	Ref.-No.	Description / Application	m ²	kg
AS crane hook Is used to move panels. Self-locking. Load capacity: 15 kN (1.5 tons). Always 2 crane hooks required per gang. For use and safety check see the Operating Instructions.	29-203-89	AS-crane hook	6.0	
				
Brace frame 250 Galvanized. Available with formwork-prop connector. Is used to align and brace the formwork. Consists of a push-pull prop R 250 (190–320 cm), a brace SRL 120 (90–150 cm) and a double-jointed foot-plate. The formwork-prop connectors are attached to the formwork with flange screws 18.	29-109-20	Brace frame 250 with formwork-prop connector	31.5	
				
Formwork-prop connector Galvanized. Connects braces, brace frames and push-pull props (max. Ø 48 mm) to the multi-function profile with a flange screw 18. Delivery includes head bolt 16/90 and cotter pin 4.	29-804-85	Formwork-prop connector	1.7	
				
Double-jointed foot plate Galvanized. Delivery includes head bolt 16/90 and cotter pin 4. Serves as foot plate for brace frames 250 and as connector for braces and push-pull props up to Ø 57 mm.	29-402-32	Double-jointed foot plate (RS Ø to 57 mm)	4.0	
				
Walkway bracket Galvanized, yellow, pluggable. Is used as working and safety scaffold. Is attached to the multi-function profile and secured to the multi-function profile below with a flange screw 18. The planking can be mounted to the brackets. Working width approx. 90 or 125 cm. MEVA Guard-railing post is also required. Bracket spacing depends on type of planking (DIN 4420).	29-106-00	Walkway bracket 90 (yellow), galv.	10.3	
	29-106-50	Walkway bracket 125 (yellow), galv.	11.8	

Side railing

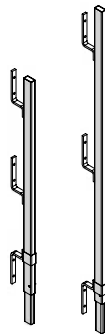
Galvanized. Is plugged into the walkway bracket.



Ref.-No.	Description / Application	m ²	kg
29-108-20	Side railing 90/100, galv.	12.3	
29-108-30	Side railing 125/100, galv.	13.8	

Guard-railing post

Galvanized. Is plugged into the walkway bracket.



29-106-75	Guard-railing post 100, galv.	3.7	
29-106-85	Guard-railing post 140, galv.	4.7	

Guard-railing post 48

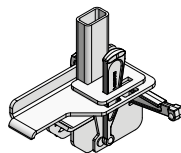
Galvanized. With manifold to attach it to the walkway bracket, designed with tube Ø 48 mm to attach tube couplers.



29-106-80	Guard-railing post 48/120 (UK), galv.	5.5	
29-920-80	Guard-railing post 48/134	5.5	

Tilting bracket 40/60

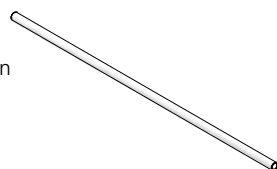
Galvanised. Used to attach MEVA guardrailing posts to create a fall protection system. It can be set up vertically to facilitate the installation of safety meshes or railing boards or inclined by 15° to create a larger working area. Secured with a wedge to the frame profile of 40 and 60 mm.




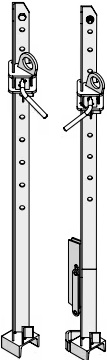

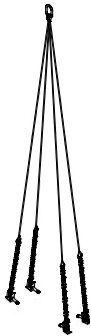

29-920-82	Tilting bracket 40/60	4.9	
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Scaffold tube

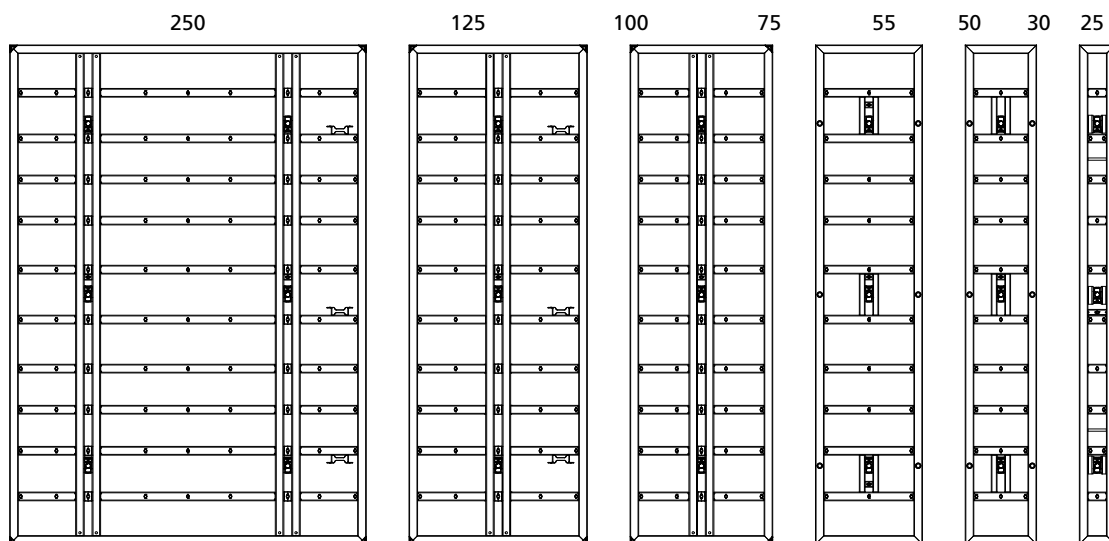
Galvanized. Is used as hand-rail / mid-rail in combination with guard-railing post 48.



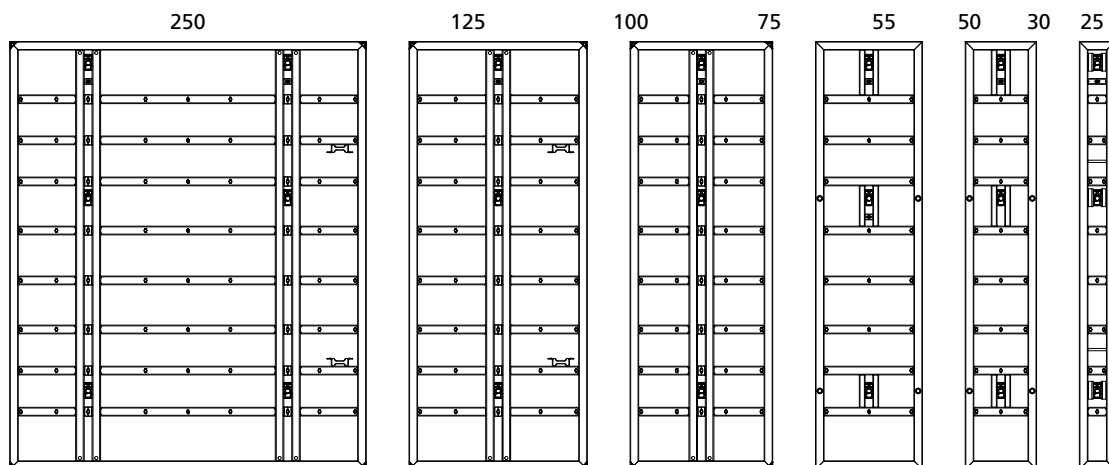
29-412-27	Scaffold tube 48/400	18.8	
29-412-25	Scaffold tube 48/500	23.5	
29-412-28	Scaffold tube 48/600	28.2	

		Ref.-No.	Description / Application	m ²	kg
Swivel-joint coupler 48/48 Galvanized. Connects 2 scaffold tubes with Ø 48.3 mm at any angle required.		29-412-52	..... Swivel-joint coupler 48/48.....	1.2	
Transport angle 12 Is used to stack and transport 5 to 12 frame formwork panels with a construction height of 12 cm and 12 cm hole distance. Max. load capacity is 10 kN per angle. For safety reasons consider 20 kN as maximum capacity for the whole stack. We recommend using 2 foldable angles and 2 angles of the rigid type for each stack.		29-305-20	..... Transport angle 12.....	16.5	
		29-305-25	..... Transport angle 12, rigid type.....	12.7	
Safety bolt AS/ST Secures stacked AluStar and StarTec panels. Black bolt for AluStar, grey one for StarTec 270/240.		40-131-10	..... Safety plug AS/ST stacks, black	19.0	
		40-131-15	..... Safety plug ST 270/240 stacks, grey	19.0	
Crane slings 40 Four polyester ropes, 5 m long. With 60 cm lifting chain and 4 lifting hooks. Max. load capacity 20 kN (2 tons). Are used to load and unload trucks and move panel stacks near the ground.		29-401-44	..... Crane slings 40.....	21.0	
Lifting hook 40 Galvanized. Allows any 4-rope crane slings available on site to be used to move the panel stacks. Always use 4 hooks at a time. Max. load capacity 10 kN (1 ton) per lifting hook. Max. weight of a panel stack 2 tons. Refer to the lifting hook Operating Instructions for application and safety test.		29-401-42	..... Lifting hook 40	1.6	

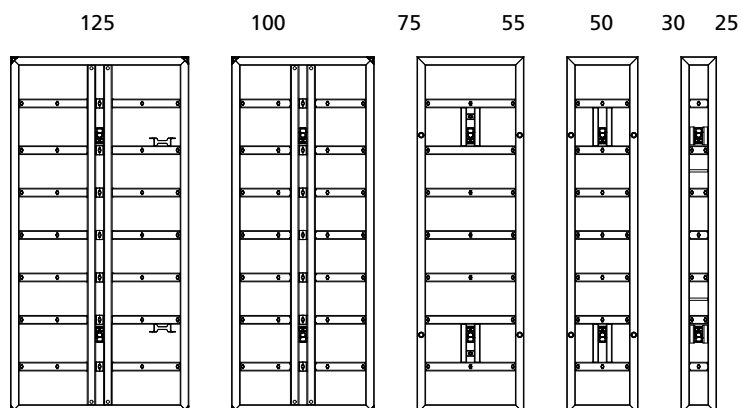
Height 350 cm



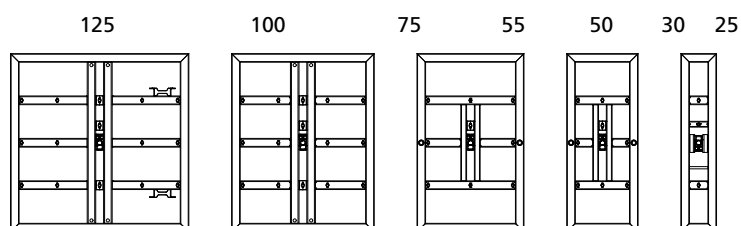
Height 300 cm



Height 250 cm

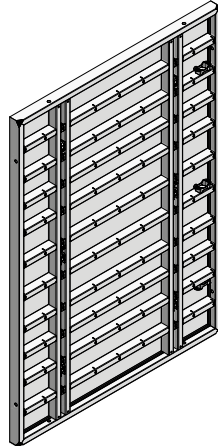


Height 125 cm



Mammut XT panels

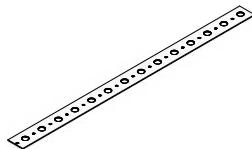
Galvanized and posttreated. Frame profile height 12 cm, frame profile depth 60 mm. The frames of the Mammut XT panels consist of closed, torsionally rigid steel profiles. Allaround grooves guarantee a stepless, tight and perfectly aligned panel connection using M assembly locks. The permanently installed, internal and recessed XT tie holes with rotating sphere enable both singlesided as well as conventional, twosided tying. All cross stiffeners are equipped with DW threaded nuts and serve as multifunction profiles, allowing easy, fast and safe attachment of accessories. The Mammut XT panels are equipped with alkus facing..



Ref.-No.	Description / Application	m ²	kg
23-001-05	Mammut XT panel AL..... 350/250	8.75	589.6
23-001-20	Mammut XT panel AL..... 350/125	4.38	321.5
23-001-30	Mammut XT panel AL..... 350/100	3.50	282.5
23-001-35	Mammut XT panel AL..... 350/ 75	2.63	188.1
23-001-50	Mammut XT panel AL..... 350/ 50	1.75	150.3
23-001-75	Mammut XT panel AL..... 350/ 25	0.88	104.5
23-002-05	Mammut XT panel AL..... 300/250	7.50	501.0
23-002-20	Mammut XT panel AL..... 300/125	3.75	273.0
23-002-30	Mammut XT panel AL..... 300/100	3.00	240.7
23-002-35	Mammut XT panel AL..... 300/ 75	2.25	161.9
23-002-50	Mammut XT panel AL..... 300/ 50	1.50	130.7
23-002-75	Mammut XT panel AL..... 300/ 25	0.75	91.0
23-003-20	Mammut XT panel AL..... 250/125	3.13	232.0
23-003-30	Mammut XT panel AL..... 250/100	2.50	203.2
23-003-35	Mammut XT panel AL..... 250/ 75	1.88	135.4
23-003-50	Mammut XT panel AL..... 250/ 50	1.25	107.4
23-003-75	Mammut XT panel AL..... 250/ 25	0.63	75.8
23-004-20	Mammut XT panel AL..... 125/125	1.56	120.4
23-004-30	Mammut XT panel AL..... 125/100	1.25	104.2
23-004-35	Mammut XT panel AL..... 125/ 75	0.94	73.6
23-004-50	Mammut XT panel AL..... 125/ 50	0.63	58.9
23-004-75	Mammut XT panel AL..... 125/ 25	0.31	36.8

Foundation tape

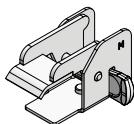
Galvanized, hole spacing 50 mm, hole Ø 16 mm, length 50 m, to be cut at hole centre, permissible tensile force 10 kN. Serves together with the appropriate tensioner as the lower anchor of horizontal panels.



29-307-50	Foundation tape 50 m	20.0
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Tensioner M

Galvanized. Used to connect the foundation tape to the Mammut panels. Two tensioners required per anchoring position.



29-307-60	Tensioner M for foundation tape	1.5
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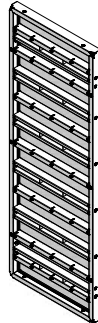
Trolley for foundation tape

Not shown. Galvanized. Used to transport and to cut foundation tape to length. Suitable for one roll. With pneumatic tyres.

29-307-55	Trolley for foundation tape	21.8
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M 350 column panel 350

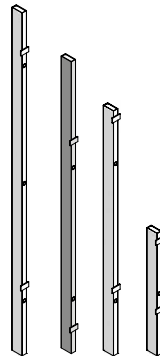
Colour RAL 3020. With aluk facing and perforated profile for tensioning screws M 350. Can be used to pour columns up to 100 cm wide, pilasters and connections to existing walls. Also usable with hinged corners etc.


Tensioning screw M 350

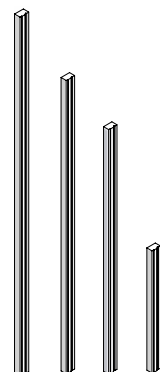
Galvanized. Connects M 350 column panels. A flange nut 100 or an articulated flange nut 15/120 is also required.


M filler

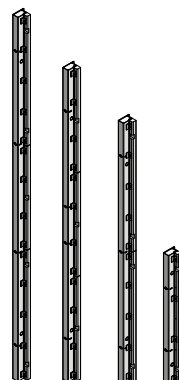
Aluminium, with cured powder coating and tie holes. For length compensation of 5 cm, particularly in corners. Two or three Uniassembly locks are required for each filler. Delivery and weight by pairs.


M Timber profile

Timber profile with groove. Used to support jobbuilt length compensations of 17 cm or more or to connect jobbuilt formwork with a 21 mm shuttering panels. Attached to Mammut XT panels with two or three assembly locks. Delivery in and weight for pairs.


XT compensation panel

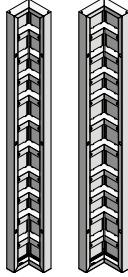
Galvanized. Used to create length compensations between 20 and 50 cm. With integrated plastic nailing strip to attach the facing. Delivery in and weight for pairs.



Ref.-No.	Description / Application	m ²	kg
23-005-96	M 350-column panel 350 x 125 AL.....	4.38	325.5
23-006-96	M 350-column panel 300 x 125 AL.....	3.75	270.0
23-007-96	M 350-column panel 250 x 125 AL.....	3.13	227.0
23-008-96	M 350-column panel 125 x 125 AL.....	1.56	120.2
29-402-97	Tensioning screw M 350		1.0
29-300-30	M 350-aluminium filler 350/5	0.18	10.3
29-300-45	XT aluminium filler 300/5	0.15	8.7
29-300-35	M 350-aluminium filler 250/5	0.13	7.4
29-300-40	M 350-aluminium filler 125/5	0.06	3.9
29-400-02	M 350-timber profile 350/21	0.74	10.1
29-400-05	M timber profile 300/21	0.63	8.7
29-400-15	M timber profile 250/21	0.53	7.3
29-400-17	M timber profile 125/21	0.26	3.6
23-153-00	XT compensation panel 350.....		75.1
23-153-05	XT compensation panel 300.....		65.0
23-153-10	XT compensation panel 250.....		53.8
23-153-15	XT compensation panel 125.....		27.6

Mammut XT inside corner 350

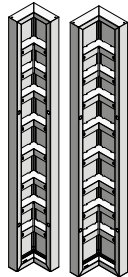
Galvanized. For 90° corners, side lengths 35 and 40 cm. Steel frame with conical anchor sleeves for tying, crane eyes and alkus facing. Cross stiffeners equipped with welded in DW threaded nuts.



Ref.-No.	Description / Application	m²	kg
23-152-00	Mammut XT Inside corner 350/35	2.45	149.1
23-152-20	Mammut XT Inside corner 350/40	2.80	163.5

Mammut XT inside corner 300

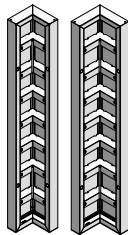
Galvanized. For 90° corners, side lengths 35 and 40 cm. Steel frame with conical anchor sleeves for tying, crane eyes and alkus facing. Cross stiffeners equipped with welded in DW threaded nuts.



23-152-05	Mammut XT Inside corner 300/35	2.10	126.5
23-152-25	Mammut XT Inside corner 300/40	2.40	138.5

Mammut XT inside corner 250

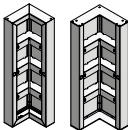
Galvanized. For 90° corners, side lengths 35 and 40 cm. Steel frame with conical anchor sleeves for tying, crane eyes and alkus facing. Cross stiffeners equipped with welded in DW threaded nuts.



23-152-10	Mammut XT Inside corner 250/35	1.75	108.6
23-152-30	Mammut XT Inside corner 250/40	2.00	119.0

Mammut XT inside corner 125

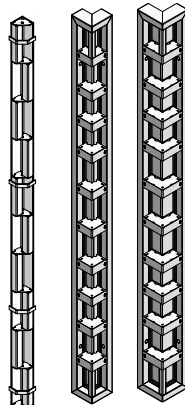
Galvanized. For 90° corners, side lengths 35 and 40 cm. Steel frame with conical anchor sleeves for tying, crane eyes and alkus facing. Cross stiffeners equipped with welded in DW threaded nuts.



23-152-15	Mammut XT Inside corner 125/35	0.88	56.3
23-152-35	Mammut XT Inside corner 125/40	1.00	62.2

M outside corner 350

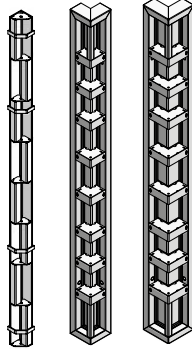
Galvanized. For 90° corners. Side lengths 0, 10 and 15 cm. Steel frame with alkus facing. Cross stiffeners with welded in DW-threaded nuts; corners with side lengths 10 and 15 cm equipped with crane eyes.



23-140-30	M 350 Outside corner 350		78.0
23-152-50	Mammut XT Outside corner 350/10	0.70	101.3
23-152-70	Mammut XT Outside corner 350/15	1.05	120.7

M outside corner 300

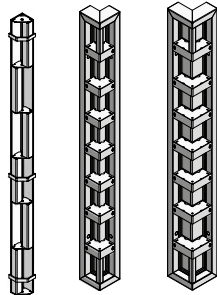
Galvanized. For 90° corners. Side lengths 0, 10 and 15 cm. Steel frame with alkus facing. Cross stiffeners with welded in DW-threaded nuts; corners with side lengths 10 and 15 cm equipped with crane eyes.



Ref.-No.	Description / Application	m²	kg
23-140-00	M-outside corner 300	66.6	
23-152-55	Mammut XT Outside corner 300/10	0.60	86.6
23-152-75	Mammut XT Outside corner 300/15	0.90	103.0

M outside corner 250

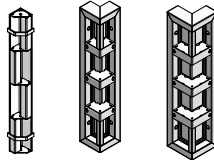
Galvanized. For 90° corners. Side lengths 0, 10 and 15 cm. Steel frame with alkus facing. Cross stiffeners with welded in DW-threaded nuts; corners with side lengths 10 and 15 cm equipped with crane eyes.



23-140-10	M-outside corner 250	55.2	
23-152-60	Mammut XT Outside corner 250/10	0.50	73.6
23-152-80	Mammut XT Outside corner 250/15	0.75	88.0

M outside corner 125

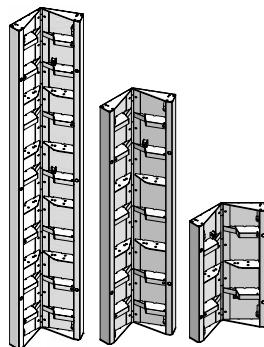
Galvanized. For 90° corners. Side lengths 0, 10 and 15 cm. Steel frame with alkus facing. Cross stiffeners with welded in DW-threaded nuts; corners with side lengths 10 and 15 cm equipped with crane eyes.



23-140-20	M-outside corner 125	28.5	
23-152-65	Mammut XT Outside corner 125/10	0.25	38.2
23-152-85	Mammut XT Outside corner 125/15	0.38	45.5

M hinged inside corner

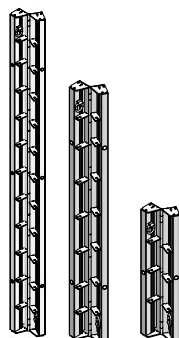
Steel construction with steel sheeting. Primed and cavity-sealed. Side length 40 cm. Adjustable angle 60°–180°.



23-137-30	M 350-hinged inside corner 350/40	2.73	235.0
23-137-41	M-hinged inside corner 250/40	2.00	166.0
23-137-51	M-hinged inside corner 125/40	1.00	85.5

M hinged outside corner

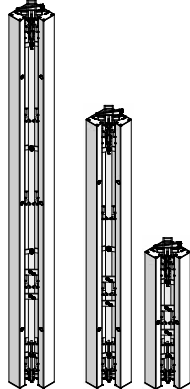
Steel construction with steel sheeting. Primed and cavity-sealed. Side length 12.5cm. Adjustable angle 60°–180°.



23-137-70	M 350-hinged outside corner 350/12,5	0.88	114.6
23-137-81	M-hinged outside corner 250/12,5	0.62	81.6
23-137-91	M-hinged outside corner 125/12,5	0.32	42.0

M 350 stripping corner

Steel construction with steel sheeting. Side length 25 cm. With tie holes. When the bell-crank lever is pushed upwards with a crowbar, the corner is removed 17.5 mm away from the concrete and the formwork 35 mm away from the concrete on both sides.



Ref.-No.	Description / Application	m ²	kg
23-151-00	M 350 stripping corner 350/25	1.75	189.7
23-151-20	M 350 stripping corner 250/25	1.25	141.1
23-151-30	M 350 stripping corner 125/25	0.63	80.3

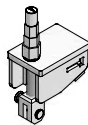
Adhesive tape, red

Not shown here. Reinforced adhesive tape, red, 50 mm wide, 50 running metres. Total thickness: 270 µm. Natural rubber adhesive on one side. PE-coated.

41-912-10	Adhesive tape 50 m, red	0.8
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Stripping support

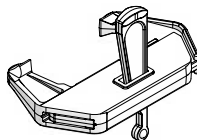
The stripping support is used to easily activate the stripping corner from above. Use a power screwdriver, a ratchet wrench or a spanner to activate the stripping support. The tools must have spanner width (SW) 27 or 30 or 36.



29-306-30	Stripping support	5.0
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M assembly lock

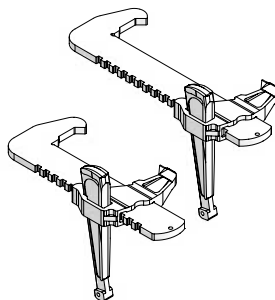
Galvanized. Tightly connects and aligns Mammut panels. Clamping length 12 cm. Two assembly locks are required per panel joint for a panel height up to 300 cm and three assembly locks for a panel height of 350 cm.



29-400-71	M-assembly lock	3.0
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Uni-assembly lock

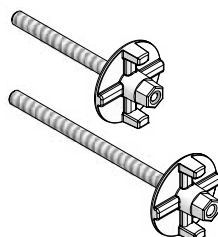
Galvanized. For stepless length compensation. Clamping length 22 or 28 cm.



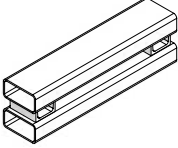
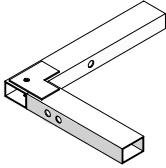
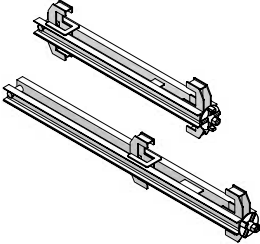

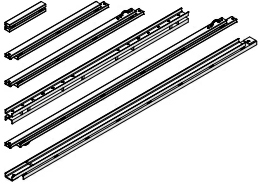
29-400-85	Uni-assembly lock 22	3.6
29-400-90	Uni-assembly lock 28	3.9

Flange screw

Galvanized. Used to attach accessories such as brace frames, pushpull props, alignment rails, etc. Thread length 18 or 27 cm.

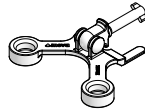


29-401-10	Flange screw 18	1.1
29-401-12	Flange screw 28	1.2

		Ref.-No.	Description / Application	m ²	kg
M cross stiffener 44 Galvanized. Short alignment rail used to brace panel joints for crane ganging and to reinforce length compensations.		29-401-02	M-Cross stiffener 44	6.3	
M outside corner bracket Galvanized. Provides together with M panels and flange screws 18 a tight outside corner assembly. Primarily used for concreting heights over 425 cm.		23-137-63	M-outside corner bracket, galv.	12.0	
Stop end bracket Galvanized. Is used to form stop ends. Stop end bracket 40/60 for wall thickness up to 40 cm and profile widths of 40 and 60 mm. Stop end bracket 2.5' - 60/23 for wall thickness up to 75 cm (2.5') and profile widths of 23 mm (EcoAs) and 60 mm.		29-105-50	Stop end bracket 40/60	15.4	
		29-105-60	Stop end bracket 2,5' - 60/23	20.0	
Plug D35/38 PVC. Used to seal unused Mammut XT tie holes.		29-902-71	Plug D35/38	0.4	
		29-902-72	Plug D35/38 without imprint	0.4	
		29-902-61	Plug D27/30		
		29-902-67	Plug D27/30 without imprint	0.2	
		29-902-68	Plug D27 without imprint, flat		
M alignment rail Galvanized. Used to brace panel joints for crane ganging, to bridge problem areas, to brace compensation areas and to create stop ends with column clamps. Attached to the formwork by means of flange screws.		29-400-95	M-alignment rail 75, galv.	11.0	
		29-400-92	M-alignment rail 180, galv.	24.8	
		29-402-50	M-alignment rail 250, galv.	34.5	
		29-402-45	M-alignment rail 350, reinforced	124.0	
		29-402-40	M-alignment rail 450	84.0	
		29-402-38	M-alignment rail 450, reinforced	159.0	

Tie rod holder

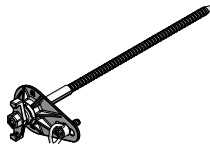
Galvanized. Used to hold DW tie rods with articulated flange nut, XT tie rods, XT levers or XT taper ties. Can be used with horizontal or vertical MEVA wall formwork panels.



Ref.-No.	Description / Application	m ²	kg
29-927-10	Tie rod holder	1.1	

XT tie rod DW 20

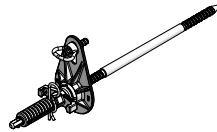
Uncoated, with DW 20 thread. DIN 18216, not weldable. Used for singlesided and conventional tying of panels on double-sided formwork. Permissible load 160 kN. With integrated articulated flange nut. Length = 75 cm for wall thickness up to 40 cm, Length = 120 cm for wall thickness up to 85 cm.



23-154-35	XT tie rod DW 20/75	4.8	
23-154-40	XT tie rod DW 20/120	5.9	

XT taper tie 20/...

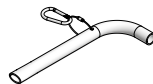
Coated, with DW 20 thread and conical, smooth middle section. Used for single-sided tying of panels on doublesided formwork. Permissible load 160 kN. With integrated XT articulated flange nut, fixation screw and adjustment rings for centimetreprecise wall thickness adjustment between 15 and 25 cm, 20 and 30 cm and 35 and 45 cm.



23-154-10	XT taper tie 20/15–25	5.7	
23-154-15	XT taper tie 20/20–30	5.9	
23-154-20	XT taper tie 20/35–45	6.4	

XT lever

Galvanized. Used to rotate and adjust the XT tie hole.



23-154-95	XT lever	0.3	
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XT sealing cone

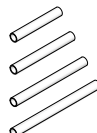
Plastic. Used to seal the tie holes when using the XT tie rod and the XT taper tie.



29-902-35	XT sealing cone 10	1.0	
29-902-34	XT sealing cone	1.0	

Plastic tube D23/200

Plastic tube for use as an anchor sleeve for a XT tie rod DW 20.






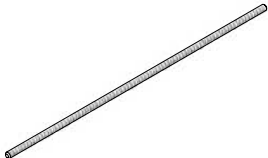
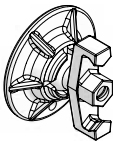
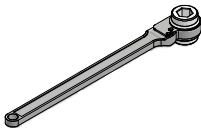
29-902-31	Plastic tube D23/200	0.4	
29-902-03	Plastic tube D23/18	2.0	
29-902-04	Plastic tube D23/23	2.5	
29-902-05	Plastic tube D23/28	3.0	
29-902-06	Plastic tube D23/33	4.0	

Plastic tube D30

Plastic tube for use as an anchor sleeve for a tie rod DW20.



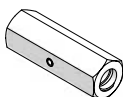
29-902-28	Plastic tube D30/200	0.4	
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		Ref.-No.	Description / Application	m ²	kg
Cone for plastic tube Available with 10 mm covering .		29-902-55	Cone for plastic tube D30/10		6.5
XT-Cone DW 20 PE; used on the initial formwork of Mammut XT when using the XT tie rod DW 20 in order to set the distance.		29-902-37	XT-Cone DW 20		1.0
XT pliers Not shown. For simple and materialfriendly removal of the XT sleeve		23-154-99	XT pliers		0.1
XT plug D46 Grey plastic. Used to close the tie holes in the concrete when using XT DW tie rods with plastic tubes or when using XT taper ties. The XT plug D46 is recessed in the shadow gap.		29-902-76	XT-Plug D46		1.0
Tie rod DW Uncoated, not weldable; DIN 18216; with DW thread; admissible load capacity 160 kN (Ø 20 mm); is used to tie panels of a double-sided formwork.		29-900-97	Tie rod DW 20/120		3.0
Articulated flange nut Forged, galvanized. DIN 18216, with DW thread Ø 15 or 20 mm, plate Ø 120 or 140 mm, max. inclination 10°, WAF 27 or 36 mm. Permissible load 90 or 160 kN.		29-900-05	Articulated flange nut 20/140		2.4
Spanner Yellow chromatised bit. WAF 27 or 36 mm. Used to tighten and loosen flange nuts 100, articulated flange nuts 15/120 (or 20/140 with WAF 36) and flange screws.		29-800-10	Spanner SW 27		1.8
		29-800-15	Spanner SW 36		3.3

Ref.-No.	Description / Application	m ²	kg
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Coupling nut 20

With DW thread, DIN 18216. Is used to connect tie rods to the anchor loop when length extension is necessary. Ø 20 mm, SW 36. Adm. load capacity 160 kN.



29-900-50 Coupling nut 20	0.7	
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Hexagonal nut 20

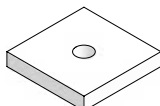
Forged, with DW thread, DIN 18216. To tie the anchors in the bottom slab and at the support frame together with a counter plate. Ø 20 mm, SW 36 mm, admissible load capacity 160 kN.



29-900-61 Hexagonal nut 20 (SW 36)	0.5	
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Counter plate

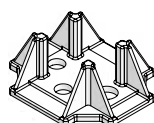
Galvanized. Is required to anchor the support frame together with the appropriate hexagonal nut. Hole Ø 25 mm.



29-900-35 Counter plate 120 x 120 x 20/25, galv.	2.1	
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Uni-tie claw

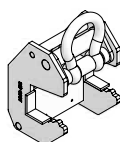
Galvanized. Permits tying directly above or beside the panels. Is suited for panels with profile widths of 40 and 60 mm.



29-901-41 Uni-tie claw	1.5	
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M crane hook

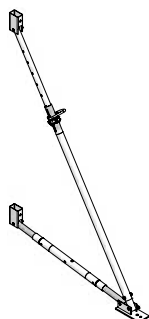
Used to move panels. Selflocking; load capacity 15 kN (1.5 tons). Each gang requires two crane hooks. Refer to the operating instructions for the application and safety inspection.



29-401-21 M-crane hook	9.6	
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Formwork-prop connector

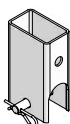
Galvanized. Including head bolt 16/90 and cotter pin 4. Used to connect brace frames, braces and pushpull props to the multifunction profile with flange screw 18. Maximum tube diameter of the braces and pushpull props is 48 mm.



29-804-85 Formwork-prop connector	1.7	
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Brace frame 250

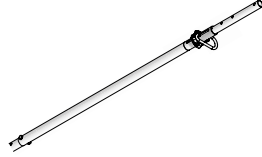
Galvanized. Aligns and braces the formwork. Available with or without formworkprop connector. Consists of a pushpull prop R 250 (190 to 320 cm), a brace SRL 120 (90 to 150 cm) and a doublejointed foot plate. The formworkprop connectors are attached to the formwork with flange screws 18.



29-109-20 Brace frame 250 with formwork-prop connector.....	31.5	
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Push-pull prop R

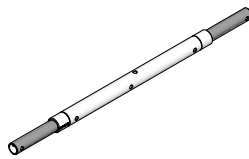
Galvanized. Guarantees tensile and compression strength. Aligns and supports wall and column formwork. The footplate and connectors must be ordered separately.



Ref.-No.	Description / Application	m ²	kg
29-109-40	..... Push-pull prop R 160 (135-200).....	12.6	
29-109-60	..... Push-pull prop R 250 (190-320).....	17.2	
29-109-80	..... Push-pull prop R 460 (340-520).....	34.0	
29-109-85	..... Push-pull prop R 630 (510-760).....	57.0	

Brace SRL

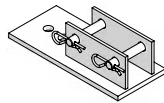
Galvanized. Guarantees tensile and compression strength. Consists of a right and left-hand spindle as well as a revolving central part. Aligns and supports wall and column formwork. The footplate and connectors must be ordered separately.



29-108-80	..... Brace SRL 120..... (90-150).....	8.8	
29-108-90	..... Brace SRL 170..... (120-220).....	11.5	

Double-jointed foot plate

Galvanized. Delivery includes head bolt 16/90 and cotter pin 4. Serves as foot plate for brace frames 250 and as connector for braces and push-pull props up to Ø 57 mm.



29-402-32 Double-jointed foot plate (RS Ø to 57 mm)	4.0	
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Head bolt 16/90

Galvanized. Is used to attach push-pull props and braces to foot plates and formwork-prop connectors.



42-413-50 Head bolt 16/90, galv.....	0.2	
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Cotter pin 4

Galvanized. Locks the head bolt.



62-010-04 Cotter pin D=4	0.1	
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Collapsible clip

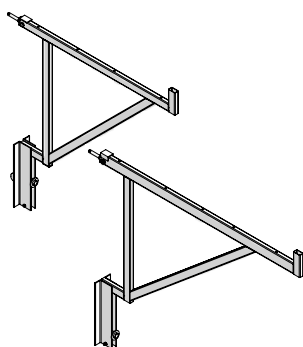
Not shown. Galvanized. Locks the head bolt.

62-010-03 Collapsible clip 4,5.....	0.1	
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Ref.-No.	Description / Application	m ²	kg
29-106-00	Walkway bracket 90 (yellow), galv.....	10.3	
29-106-50	Walkway bracket 125 (yellow), galv.....	11.8	

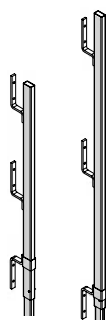
Walkway bracket

Galvanized, yellow, pluggable. Is used as working and safety scaffold. Is attached to the multi-function profile and secured to the multi-function profile below with a flange screw 18. The planking can be mounted to the brackets. Working width approx. 90 or 125 cm. MEVA Guard-railing post is also required. Bracket spacing depends on type of planking (DIN 4420).



Guard-railing post

Galvanized. Is plugged into the walkway bracket.



29-106-75	Guard-railing post 100, galv.....	3.7	
29-106-85	Guard-railing post 140, galv.....	4.7	

Guard-railing post 48

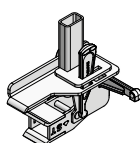
Galvanized. With manifold to be plugged into the walkway bracket and with 48 mm Ø tube to attach scaffold couplers.



29-106-80	Guard-railing post 48/120 (UK), galv.....	5.5	
29-920-80	Guard-railing post 48/134.....	5.5	

Tilting bracket 40/60

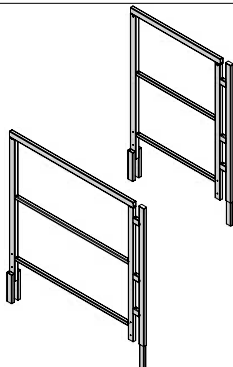
Galvanized. Used to attach MEVA guard-railing posts to create a fall protection system. It can be set up vertically to facilitate the installation of safety meshes or railing boards or inclined by 15° to create a larger working area. Secured with a wedge to the frame profile of 40 and 60 mm.



29-920-82	Tilting bracket 40/60.....	4.9	
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Side railing

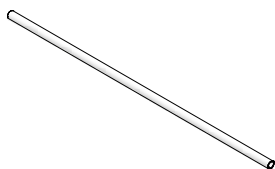
Galvanized. Is plugged into the walkway bracket.



Ref.-No.	Description / Application	m ²	kg
29-108-20	Side railing 90/100, galv.	12.3	
29-108-30	Side railing 125/100, galv.	13.8	

Scaffold tube

Galvanized. Is used as hand-rail / mid-rail in combination with guard-railing post 48.



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 2 scaffold tubes with Ø 48.3 mm at any angle required.



29-412-52	Swivel-joint coupler 48/48.....	1.2	
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Lifting hook 60

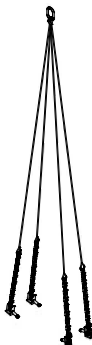
Galvanized. Allows any 4-rope crane slings available on site to be used to move panel stacks. Always use 4 hooks at a time. Max. load capacity 10 kN (1 ton) per lifting hook. Max. weight of a panel stack 2 tons. Refer to the lifting hook Operating Instructions for application and safety test.



29-401-40	Lifting hook 60	1.7	
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Crane slings 60

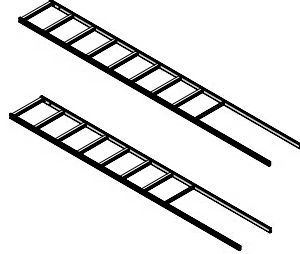
4 polyester ropes, 5 m long. With 60 cm lifting chain and 4 lifting hooks. Max load capacity 20 kN (2 tons). Is used to load and unload trucks and to move panel stacks near the ground.



29-401-45	Crane slings 60	22.0	
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Ladder

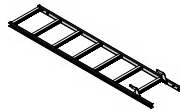
Galvanized. Is hooked into the CF-access platform and automatically secured. Can be extended with extension ladders. Safety cages are required for operational safety.



Ref.-No.	Description / Application	m ²	kg
29-414-50	Ladder 348	23.2	
29-414-55	Ladder 318	21.1	
29-416-50	Ladder 243	17.2	

Extension ladder 210

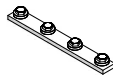
Galvanized. Depending on the required height, the extension ladder is either hooked into the steps of the ladder or bolted to the ladder with the ladder connector. The extension ladder must be secured with the Ladder fixture 33/45. An additional extension in increments of 30 cm is achieved by hooking an extension ladder into the appropriate step.



29-416-52	Extension ladder 270	19.2
29-414-60	Extension ladder 210	15.9
29-416-55	Extension ladder 120	8.5
29-416-60	Extension ladder 90	7.4
29-416-62	Extension ladder 60	4.4

Ladder connector

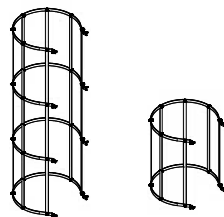
Galvanized. Connects the joint of two extension ladders without the need to hook one ladder into a step of the other.



29-414-70	Ladder connector	1.0
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Safety cage

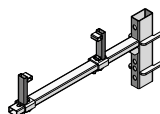
Galvanized. Internal Ø 70 cm. Protects workers when ascending and descending the ladder. The safety cages are attached to the (extension) ladders with the integrated hammerhead screws.



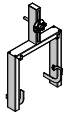
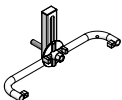
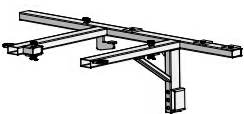

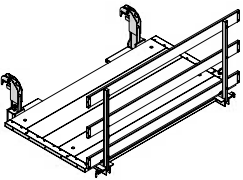
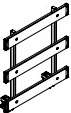
29-414-85	Safety cage 210	27.9
29-414-90	Safety cage 85	12.0
29-416-90	Safety cage 40	8.2

Ladder fixture 33/45

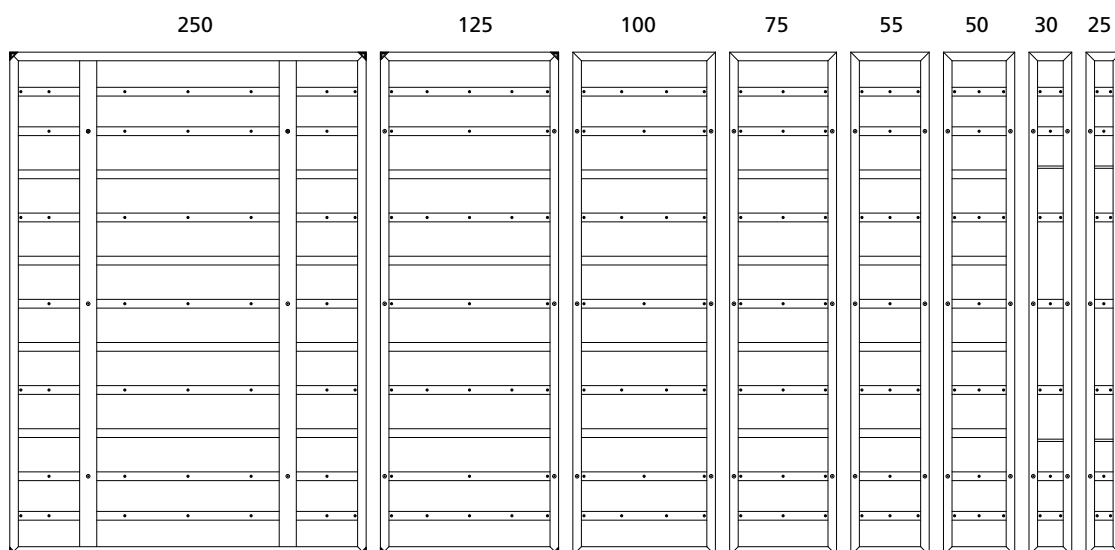
Galvanized. Is attached to the multi-function profile of the wall formwork panel with a flange screw 18. When used for formwork heights from 350 cm to 450 cm, the STB 450 support frame requires three ladders fixtures 33/45. For formwork heights exceeding 450 cm, contact the MEVA application engineering.



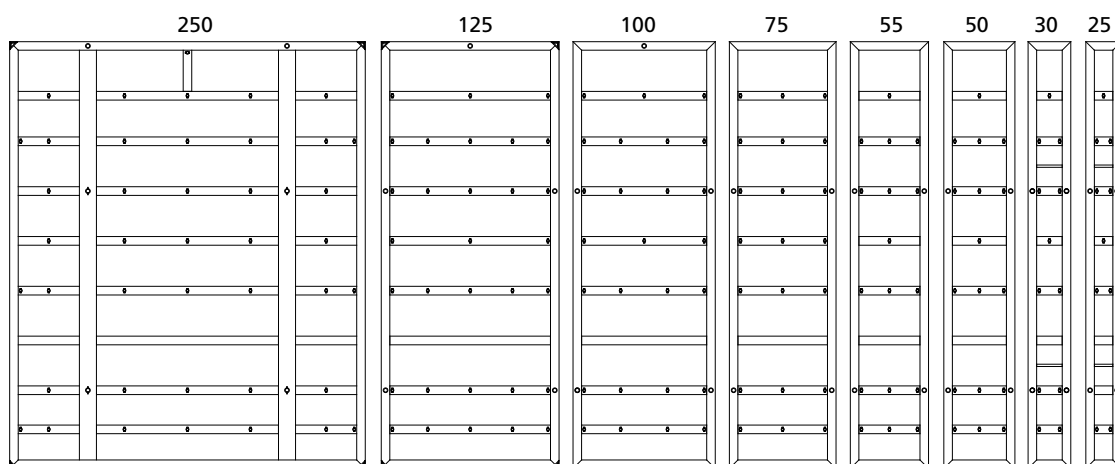
29-404-35	Ladder fixture 33/45	6.4
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		Ref.-No.	Description / Application	m ²	kg
Ladder fixture panel top Galvanized. Attached to the multi-function profile at the top of the horizontal or vertical panel to hold the ladder or extension ladder.		29-416-82	Ladder fixture, upper wall formwork	7.9	
Ladder fixture panel bottom Galvanized. Attached to the multi-function profile at the bottom of the horizontal or vertical panel to hold the ladder or extension ladder.		29-416-84	Ladder fixture, lower wall formwork.....	2.4	
Cantilever angle 100/125 Galvanized. Is attached to the M 350 column panel with 2 transport devices M 24/160 through the transport hole. The CF access platform is secured with the integrated hammer head screw.		29-404-25	Cantilever angle 100/125.....	32.8	
Transport device M 24/160 Is used for the vertical transport of M 350 column panels and screwed through the transport holes.		29-404-30	Transport device M 24/160.....	2.8	
Folding access platform BKB 125 Self-locking; ready-made platform with a foldable guard-railing and an overall width of 125 cm; it is suspended onto the frame profile of the panels. The 48 mm thick planking is protected at the front ends. Stacking height 17cm; load capacity 2 kN/m ² . This platform is used with the formwork systems AluStar/StarTec and Mammut/Mammut 350/Mammut XT.	 	29-417-10	Folding access platform BKB 125/235	185.0	
		29-417-20	Folding access platform BKB 125/300	205.0	
		29-417-00	Folding access platform BKB 125/140	120.0	
		29-417-30	Side railing BKB 125.....	17.0	

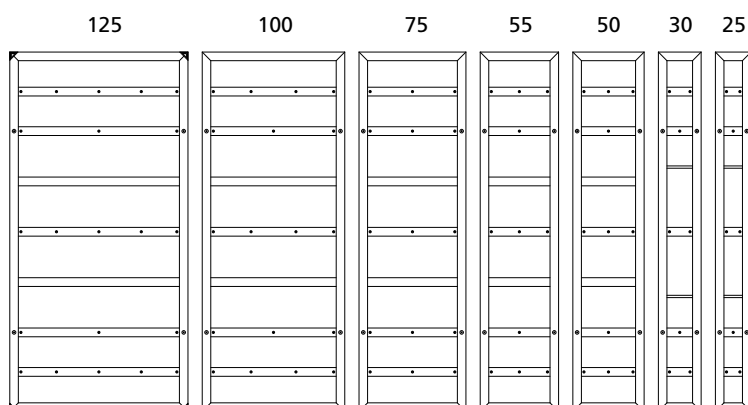
Height 350 cm



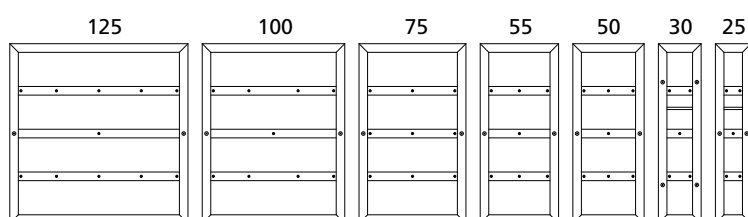
Height 300 cm



Height 250 cm

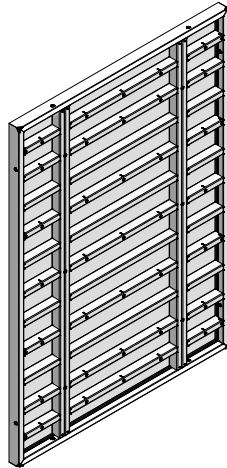


Height 125 cm



M 350 panel

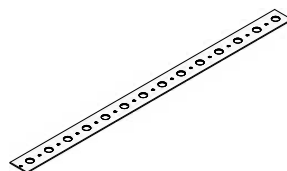
Construction height 12 cm, frame profile width 60 mm. Three tie holes per panel height 350 cm and 300 cm, two tie holes per panel height 250 cm. The frames of M 350-panels are made of closed steel profiles and are torsion-proof. M 350-panels are equipped with alkus facing. All-around grooves and M assembly locks guarantee a stepless, tight and perfectly aligned panel connection. Conical anchor sleeves are weld into the frames. Multi-function profiles allow for an easy, fast and safe attachment of accessories.



Ref.-No.	Description / Application	m ²	kg
23-005-05	M 350-panel AL 20..... 350/250	8.75	581.5
23-005-20	M 350-panel AL 20..... 350/125	4.38	260.0
23-005-30	M 350-panel AL 20..... 350/100	3.50	215.5
23-005-35	M 350-panel AL 20..... 350/ 75	2.63	174.0
23-005-45	M 350-panel AL 20..... 350/ 55	1.93	139.0
23-005-50	M 350-panel AL 20..... 350/ 50	1.75	131.0
23-005-55	M 350-panel AL 20..... 350/ 45	1.58	121.0
23-005-70	M 350-panel AL 20..... 350/ 30	1.05	93.2
23-005-75	M 350-panel AL 20..... 350/ 25	0.88	86.0
23-006-05	M 350-panel AL 20..... 300/250	7.50	464.0
23-006-20	M 350-panel AL 20..... 300/125	3.75	205.0
23-006-30	M 350-panel AL 20..... 300/100	3.00	170.5
23-006-35	M 350-panel AL 20..... 300/ 75	2.25	138.5
23-006-45	M 350-panel AL 20..... 300/ 55	1.65	113.0
23-006-50	M 350-panel AL 20..... 300/ 50	1.50	106.5
23-006-55	M 350-panel AL 20..... 300/ 45	1.35	100.5
23-006-70	M 350-panel AL 20..... 300/ 30	0.90	81.5
23-006-75	M 350-panel AL 20..... 300/ 25	0.75	75.0
23-007-20	M 350-panel AL 20..... 250/125	3.13	184.0
23-007-30	M 350-panel AL 20..... 250/100	2.50	152.0
23-007-35	M 350-panel AL 20..... 250/ 75	1.88	123.0
23-007-45	M 350-panel AL 20..... 250/ 55	1.38	99.0
23-007-50	M 350-panel AL 20..... 250/ 50	1.25	93.0
23-007-55	M 350-panel AL 20..... 250/ 45	1.13	87.5
23-007-70	M 350-panel AL 20..... 250/ 30	0.75	67.5
23-007-75	M 350-panel AL 20..... 250/ 25	0.63	63.0
23-008-20	M 350-panel AL 20..... 125/125	1.56	98.0
23-008-30	M 350-panel AL 20..... 125/100	1.25	81.0
23-008-35	M 350-panel AL 20..... 125/ 75	0.94	65.0
23-008-45	M 350-panel AL 20..... 125/ 55	0.69	52.0
23-008-50	M 350-panel AL 20..... 125/ 50	0.63	49.0
23-008-55	M 350-panel AL 20..... 125/ 45	0.56	45.5
23-008-70	M 350-panel AL 20..... 125/ 30	0.38	36.5
23-008-75	M 350-panel AL 20..... 125/ 25	0.31	33.5

Foundation tape

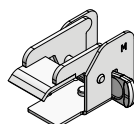
Galvanized. Hole spacing 50 mm, hole Ø 16 mm, 50 m long. Admissible tractive force 10 kN. To be cut at hole center. Serves together with the appropriate tensioner as a bottom anchoring when panels are assembled in horizontal position.



29-307-50 Foundation tape 50 m20.0

Tensioner M for foundation tape

Galvanized. Used to connect the foundation tape to the Mammut panels. Two tensioners required per anchoring position.



29-307-60 Tensioner M for foundation tape..... 1.5

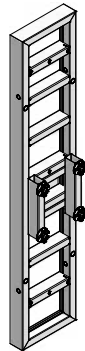
Trolley for foundation tape

Not shown. Galvanized. Is used to transport and cut foundation tape to length. Suitable for one roll. Pneumatic wheels.

Ref.-No.	Description / Application	m²	kg
29-307-55	Trolley for foundation tape.....	21.8	

M panel 250/50 AL 20 with concreting window

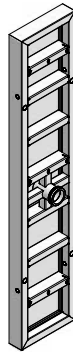
Is used to control the concreting process when pouring and control is not possible from above.



23-121-10	M-panel 250/50 AL with concreting window	1.25	106.5
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M panel 250/50 AL 20 with filling nozzle

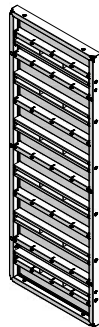
Is used when concrete can-not be poured from above, e.g. tunnel formwork. Connection with a manual gate valve. Operating pressure: 20 bar.



23-121-05	M-panel 250/50 AL with filling nozzle	1.25	98.5
29-914-50	Manual gate valve SK 100 - 4½	19.0	
29-207-60	Lever coupling SK-H DN 100 - 4½	3.8	
29-207-50	Filling nozzle cleaner SK 100/800	7.2	
62-031-55	Sealing washer A SK 100 - 4½	0.1	

M 350 column panel 350

Colour RAL 3020. With alkus facing and perforated profile for tensioning screws M 350. Can be used to pour columns up to 100 cm wide, pilasters and connections to existing walls. Also usable with hinged corners etc.



23-005-96	M 350-column panel 350 x 125 AL	4.38	325.5
23-006-96	M 350-column panel 300 x 125 AL	3.75	270.0
23-007-96	M 350-column panel 250 x 125 AL	3.13	227.0
23-008-96	M 350-column panel 125 x 125 AL	1.56	120.2

Tensioning screw M 350

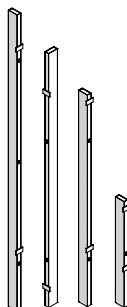
Galvanized. Connects M 350 column panels. A flange nut 100 or an articulated flange nut 15/120 is also required.



29-402-97	Tensioning screw M 350	1.0	
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M 350 aluminium filler

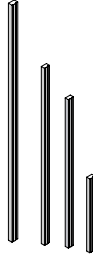
Aluminium with high-quality annealed powder coating. Tie holes. For length adjustments of 5 cm, particularly in corners. 2 or 3 Uni-assembly locks are required or each filler.



29-300-30	M 350-aluminium filler 350/5	0.18	10.3
29-300-32	M 350-aluminium filler 300/5	0.15	8.8
29-300-35	M 350-aluminium filler 250/5	0.13	7.4
29-300-40	M 350-aluminium filler 125/5	0.06	3.9

M timber profile

Timber profile with groove. To support job-built fillers of 17 cm or more, or to connect job-built formwork with a 21 mm facing; is attached to standard M 350-panels with 2 or 3 M-assembly locks. Delivery and weight by pairs.



Ref.-No.	Description / Application	m ²	kg
29-400-02	M 350-timber profile 350/21	0.74	10.1
29-400-05	M timber profile 300/21 .....	.....	8.7
29-400-15	M timber profile 250/21 .....	.....	7.3
29-400-17	M timber profile 125/21 .....	.....	3.6

M inside corner

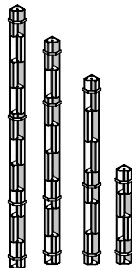
For 90° corners. Side length 25 cm. Steel frame with tie holes and alkus facing or replaceable steel face.



23-136-40	M 350-inside corner 350/25 AL 20.....	1.75	120.5
23-136-50	M 350-inside corner 300/25 AL 20.....	1.50	91.5
23-136-60	M 350-inside corner 250/25 AL 20.....	1.25	85.5
23-136-70	M 350-inside corner 125/25 AL 20.....	0.63	44.0

M outside corner 350

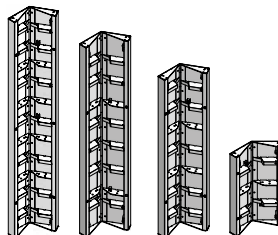
Steel construction, galvanized. Provides together with M 350 panels and M assembly locks a tight and fast outside corner solution for 90° corners.



23-140-30	M 350 Outside corner 350.....	.....	78.0
23-140-00	M-outside corner 300 .....	.....	66.6
23-140-10	M-outside corner 250 .....	.....	55.2
23-140-20	M-outside corner 125 .....	.....	28.5

M hinged inside corner

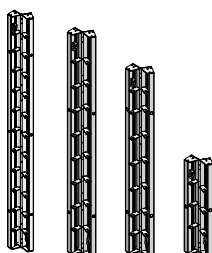
Steel construction with steel sheeting. Primed and cavity-sealed. Side length 40 cm. Adjustable angle 60°–180°.



23-137-30	M 350-hinged inside corner 350/40	2.73	235.0
23-137-31	M-hinged inside corner 300/40	2.40	197.7
23-137-41	M-hinged inside corner 250/40	2.00	166.0
23-137-51	M-hinged inside corner 125/40	1.00	85.5

M hinged outside corner

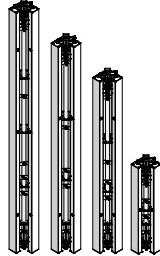
Steel construction with steel sheeting. Primed and cavity-sealed. Side length 12.5 cm. Adjustable angle 60°–180°.



23-137-70	M 350-hinged outside corner 350/12,5.....	0.88	114.6
23-137-71	M-hinged outside corner 300/12,5.....	0.76	97.3
23-137-81	M-hinged outside corner 250/12,5.....	0.62	81.6
23-137-91	M-hinged outside corner 125/12,5.....	0.32	42.0

M 350 stripping corner

Steel construction with steel sheeting. Side length 25 cm. With tie holes. When the bell-crank lever is pushed upwards with a crowbar, the corner is removed 17.5 mm away from the concrete and the formwork 35 mm away from the concrete on both sides.



Ref.-No.	Description / Application	m ²	kg
23-151-00	M 350 stripping corner 350/25	1.75	189.7
23-151-10	M 350 stripping corner 300/25	1.50	162.8
23-151-20	M 350 stripping corner 250/25	1.25	141.1
23-151-30	M 350 stripping corner 125/25	0.63	80.3

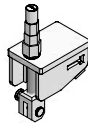
Adhesive tape, red

Not shown here. Reinforced adhesive tape, red, 50 mm wide, 50 running metres. Total thickness: 270 µm. Natural rubber adhesive on one side. PE-coated.

41-912-10	Adhesive tape 50 m, red	0.8
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Stripping support

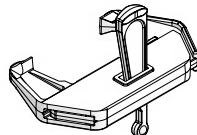
The stripping support is used to easily activate the stripping corner from above. Use a power screwdriver, a ratchet wrench or a spanner to activate the stripping support. The tools must have spanner width (SW) 27 or 30 or 36.



29-306-30	Stripping support	5.0
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M assembly lock

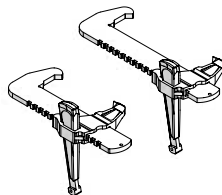
Galvanized. Tightly connects and aligns Mammut panels. Clamping length 12 cm. Two M assembly locks are required per panel joint for a panel height up to 300 cm and 3 locks required for a panel height of 350 cm.



29-400-71	M-assembly lock	3.0
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Uni-assembly lock

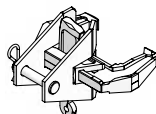
Galvanized. For stepless compensation. Clamping length 22 or 28 cm.



29-400-85	Uni-assembly lock 22	3.6
29-400-90	Uni-assembly lock 28	3.9

Combi-lock with coupling

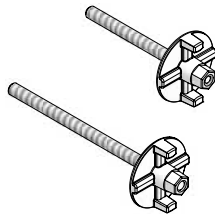
Galvanized. Is used to attach the push-pull props at the panel joint of the wall formwork profile widths of 40 and 60 mm. Clamping length 8, 10 and 12 cm.



29-804-60	Combi-lock with coupling	3.7
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Flange screw

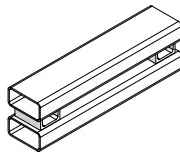
Galvanized. Is used to attach accessories, e.g. alignment rails, brace frames, push-pull props, etc. Length of thread 18 cm or 27 cm.



Ref.-No.	Description / Application	m ²	kg
29-401-10	Flange screw 18.....	1.1	
29-401-12	Flange screw 28.....	1.2	

M-Cross stiffener 44

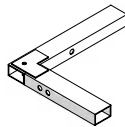
Galvanized. Short alignment rail that braces panel joints for crane ganging and to reinforces filler areas.



29-401-02	M-Cross stiffener 44	6.3	
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M outside corner bracket

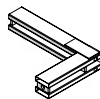
Galvanized. Provides together with M panels and flange screws 18 a tight outside corner assembly. Primarily used for concreting heights over 425 cm.



23-137-63	M-outside corner bracket, galv.....	12.0	
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Corner angle 40/60

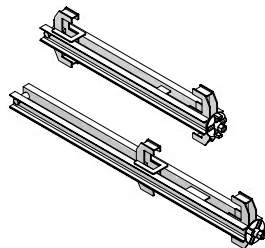
Galvanized. Side lengths 40 and 60 cm. For inside and outside corner.



29-402-25	Corner angle 40/60.....	9.5	
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Stop end bracket

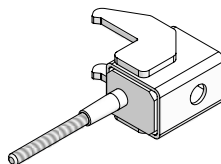
Galvanized. Is used to form stop ends. Stop end bracket 40/60 for wall thickness up to 40 cm and profile widths of 40 and 60 mm. Stop end bracket 2.5' - 60/23 for wall thickness up 75 cm (2.5') and profile widths of 23 mm (EcoAs) and 60 mm.



29-105-50	Stop end bracket 40/60	15.4	
29-105-60	Stop end bracket 2,5' - 60/23	20.0	

M column clamp

Galvanized. Is used to attach alignment rails to panels when forming stop ends. Suited for 60 mm frame profiles. A flange nut 100 or an articulated flange nut 15/120 is also required. The column clamp is attached to the multi-function profile with a flange screw 18.



29-402-70	Column clamp 21, galv.	4.0	
29-402-75	Column clamp 27, yellow chromated	4.0	

Plug D27/30

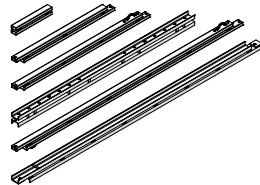
Closes unused Mammut/Mammut 350/ Mammut XT-tie holes.



29-902-61	Plug D27/30.....	0.1	
29-902-67	Plug D27/30 without imprint.....	0.2	
29-902-68	Plug D27 without imprint, flat.....	0.1	

M alignment rail

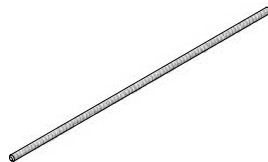
Galvanized. Are used to brace panel joints for crane ganging, bridge problem areas, brace compensation areas and build stop ends with stop end fixtures. Are attached to the formwork with flange screws.



Ref.-No.	Description / Application	m ²	kg
29-400-95	M-alignment rail 75, galv.	11.0	
29-400-92	M-alignment rail 180, galv.	24.8	
29-402-50	M-alignment rail 250, galv.	34.5	
29-402-45	M-alignment rail 350, reinforced	124.0	
29-402-40	M-alignment rail 450	84.0	
29-402-38	M-alignment rail 450, reinforced	159.0	

Tie rod DW

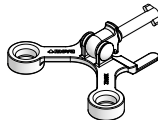
Uncoated, not weldable; DIN 18216; with DW thread; admissible load capacity 90 kN (Ø 15 mm) or 160 kN (Ø 20 mm); is used to tie panels of a double-sided formwork.



29-900-80	Tie rod DW 15/90	1.3
29-900-97	Tie rod DW 20/120	3.0

Tie rod holder

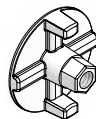
Galvanized. To hold DW tie rods with articulated flange nut, XT tie rods or XT taper ties. Can be used with horizontal or vertical MEVA wall formwork panels.



29-927-10	Tie rod holder	1.1
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Flange nut 100

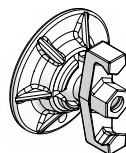
Forged, galvanized. DIN 18216. DW thread Ø 15 mm, plate Ø 100 mm, SW 27 mm. Admissible load capacity 90 kN.



29-900-20	Flange nut 100 (SW 27, forged)	0.7
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Articulated flange nut

Forged, galvanized. DIN 18216. DW thread Ø 15 or 20 mm, plate Ø 120 or 140 mm, max. inclination 10°, SW 27 or 36 mm. Adm. load capacity 90 or 160 kN.



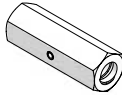


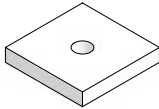
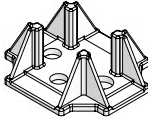
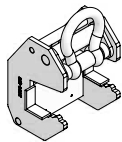
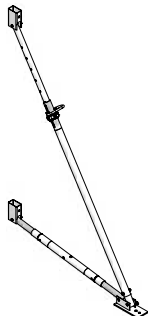
29-900-10	Articulated flange nut 15/120 (SW 27)	1.8
29-900-05	Articulated flange nut 20/140	2.4

Spanner

Inset yellow chromated. Spanner width (SW) 27 or 36 mm. To tighten and loosen flange nuts 100, articulated flange nuts 15/120 (or 20/140 with SW 36) und flange screws.



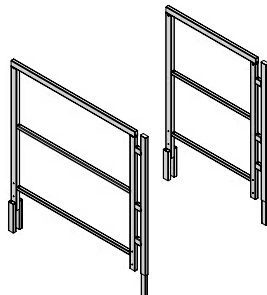
29-800-10	Spanner SW 27	1.8
29-800-15	Spanner SW 36	3.3

		Ref.-No.	Description / Application	m ²	kg
Coupling nut 20 With DW thread, DIN 18216. Is used to connect tie rods to the anchor loop when length extension is necessary. Ø 20 mm, SW 36. Adm. load capacity 160 kN.		29-900-50	..... Coupling nut 20	0.7	
Drive nut 60 Galvanized. DW thread Ø 15 mm, plate Ø 60 mm. Adm. load capacity 90 kN (DIN 18216). Is used to tie the formwork to the ground or to a wall connection.		29-900-23	..... Drive nut 60.....	0.5	
Hexagonal nut 20 Forged, with DW thread, DIN 18216. To tie the anchors in the bottom slab and at the support frame together with a counter plate. Ø 20 mm, SW 36 mm, admissible load capacity 160 kN.		29-900-61	..... Hexagonal nut 20 (SW 36).....	0.5	
Counter plate Galvanized. Is required to anchor the support frame together with the appropriate hexagonal nut. Hole Ø 25 mm.		29-900-35	..... Counter plate 120 x 120 x 20/25, galv.	2.1	
Uni-tie claw Galvanized. Permits tying directly above or beside the panels. Is suited for panels with profile widths of 40 and 60 mm.		29-901-41	..... Uni-tie claw	1.5	
M crane hook To move panels. Self-locking; load capacity 15 kN (1.5 tons). Always 2 crane hooks required per gang. Please refer to the crane hook Operating Instructions for application and safety test.		29-401-21	..... M-crane hook	9.6	
Brace frame 250 Galvanized. Available with formwork-prop connector. Is used to align and brace the formwork. Consists of a push-pull prop R 250 (190–320 cm), a brace SRL 120 (90–150 cm) and a double-jointed footplate. The formwork-prop connectors are attached to the formwork with flange screws 18.		29-109-20	..... Brace frame 250 with formwork-prop connector.....	31.5	

	Ref.-No.	Description / Application	m ²	kg
Formwork-prop connector Galvanized. Connects braces, brace frames and push-pull props (max. Ø 48 mm) to the multi-function profile with flange screw 18. Delivery includes head bolt 16/90 and cotter pin 4.	29-804-85	Formwork-prop connector	1.7	
Walkway bracket Galvanized, yellow, pluggable. Is used as working and safety scaffold. Is attached to the multi-function profile and secured to the multi-function profile below with a flange screw 18. The planking can be mounted to the brackets. Working width approx. 90 or 125 cm. MEVA Guard-railing post is also required. Bracket spacing depends on type of planking (DIN 4420).	29-106-00	Walkway bracket 90 (yellow), galv.	10.3	
	29-106-50	Walkway bracket 125 (yellow), galv.	11.8	
Guard-railing post Galvanized. Is plugged into the walkway bracket.	29-106-75	Guard-railing post 100, galv.	3.7	
	29-106-85	Guard-railing post 140, galv.	4.7	
Guard-railing post 48 Galvanized. With manifold to attach it to the walkway bracket and with tube Ø 48 mm to attach tube couplers.	29-106-80	Guard-railing post 48/120 (UK), galv.	5.5	
	29-920-80	Guard-railing post 48/134	5.5	
Tilting bracket 40/60 Galvanized. Used to attach MEVA guardrail-ing posts to create a fall protection system. It can be set up vertically to facilitate the installation of safety meshes or railing boards or inclined by 15° to create a larger working area. Secured with a wedge to the frame profile of 40 and 60 mm.	29-920-82	Tilting bracket 40/60	4.9	

Side railing

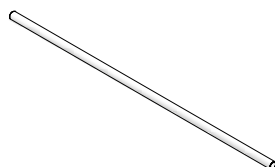
Galvanized. Is plugged into the walkway bracket.



Ref.-No.	Description / Application	m ²	kg
29-108-20	Side railing 90/100, galv.	12.3	
29-108-30	Side railing 125/100, galv.	13.8	

Scaffold tube

Galvanized. Is used as hand-rail / mid-rail in combination with guard-railing post 48.



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 2 scaffold tubes with Ø 48.3 mm at any angle required.



29-412-52	Swivel-joint coupler 48/48.....	1.2	
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M safety bolt

Secures stacked Mammut and M 350 panels. Black bolt for panels for widths less than 250 cm, grey bolt for panels 250 cm wide or wider.



40-131-20	Safety plug M stacks, black	22.0	
40-131-25	Safety plug M 350/250 stacks, grey	22.0	

Lifting hook 60

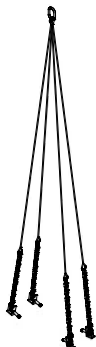
Galvanized. Allows any 4-rope crane slings available on site to be used to move panel stacks. Always use 4 hooks at a time. Max. load capacity 10 kN (1 ton) per lifting hook. Max. weight of a panel stack 2 tons. Refer to the lifting hook Operating Instructions for application and safety test.



29-401-40	Lifting hook 60	1.7	
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Crane slings 60

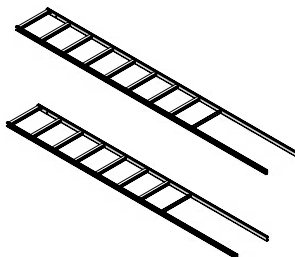
4 polyester ropes, 5 m long. With 60 cm lifting chain and 4 lifting hooks. Max load capacity 20 kN (2 tons). Is used to load and unload trucks and to move panel stacks near the ground.



Ref.-No.	Description / Application	m ²	kg
29-401-45	..... Crane slings 60	.....	22.0

Ladder

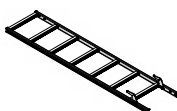
Galvanized. Is hooked into the CF-access platform and automatically secured. Can be extended with extension ladders. Safety cages are required for operational safety.



29-414-50	..... Ladder 348	.....	23.2
29-414-55	..... Ladder 318	.....	21.1
29-416-50	..... Ladder 243	.....	17.2

Extension ladder 210

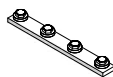
Galvanized. Depending on the required height, the extension ladder is either hooked into the steps of the ladder or bolted to the ladder with the ladder connector. The extension ladder must be secured with the Ladder fixture 33/45. An additional extension in increments of 30 cm is achieved by hooking an extension ladder into the appropriate step.



29-416-52	..... Extension ladder 270	.....	19.2
29-414-60	..... Extension ladder 210	.....	15.9
29-416-55	..... Extension ladder 120	.....	8.5
29-416-60	..... Extension ladder 90	.....	7.4
29-416-62	..... Extension ladder 60	.....	4.4

Ladder connector

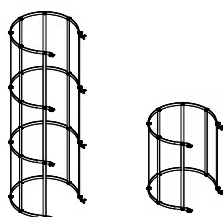
Galvanized. Connects the joint of two extension ladders without the need to hook one ladder into a step of the other.



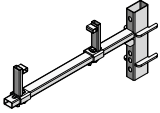
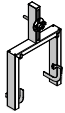
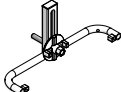
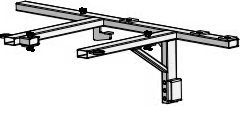

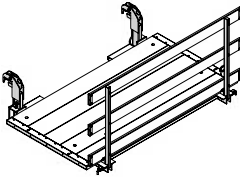
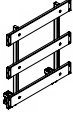
29-414-70 Ladder connector	1.0
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Safety cage

Galvanized. Internal Ø 70 cm. Protects workers when ascending and descending the ladder. The safety cages are attached to the (extension) ladders with the integrated hammerhead screws.



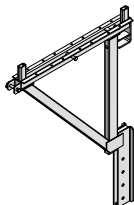
29-414-85	..... Safety cage 210	.....	27.9
29-414-90	..... Safety cage 85	.....	12.0
29-416-90	..... Safety cage 40	.....	8.2

		Ref.-No.	Description / Application	m ²	kg
Ladder fixture 33/45 Galvanized. Is attached to the multi-function profile of the wall formwork panel with a flange screw 18. When used for formwork heights from 350 cm to 450 cm, the STB 450 support frame requires three ladders fixtures 33/45. For formwork heights exceeding 450 cm, contact the MEVA application engineering.		29-404-35	Ladder fixture 33/45	6.4	
Ladder fixture panel top Galvanized. Attached to the multi-function profile at the top of the horizontal or vertical panel to hold the ladder or extension ladder.		29-416-82	Ladder fixture panel top	7.9	
Ladder fixture panel bottom Galvanized. Attached to the multi-function profile at the bottom of the horizontal or vertical panel to hold the ladder or extension ladder.		29-416-84	Ladder fixture panel bottom	2.4	
Cantilever angle 100/125 Galvanized. Is attached to the M 350 column panel with 2 transport devices M 24/160 through the transport hole. The CF access platform is secured with the integrated hammer head screw.		29-404-25	Cantilever angle 100/125	32.8	
Transport device M 24/160 Is used for the vertical transport of M 350 column panels and screwed through the transport holes.		29-404-30	Transport device M 24/160	2.8	
Folding access platform BKB 125 Self-locking; ready-made platform with a foldable guard-railing and an overall width of 125 cm; it is suspended onto the frame profile of the panels. The 48 mm thick planking is protected at the front ends. Stacking height 17cm; load capacity 2 kN/m ² . This platform is used with the formwork systems AluStar/StarTec and Mammut/Mammut 350/Mammut XT.	 	29-417-10 29-417-20 29-417-00 29-417-30	Folding access platform BKB 125/235 Folding access platform BKB 125/300 Folding access platform BKB 125/140 Side railing BKB 125	185.0 205.0 120.0 17.0	

Ref.-No.	Description / Application	m ²	kg
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Walkway bracket SB

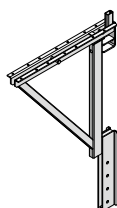
Galvanized. Is attached with 1 flange screw 28 and 1 flange screw 18 to the DW-threaded nuts of the panel's multi-function profile. The aluminium platform is placed onto the scaffolding bracket and secured with the integrated bolt. Front railing and rear railing posts can be plugged into the scaffolding bracket. The flange screws 28 and 18 must be ordered separately.



29-603-10 Walkway bracket SB.....	28.9	
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Walkway bracket 880 SB

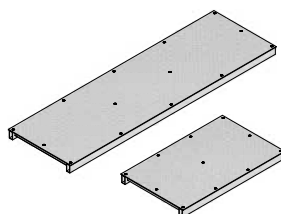
Galvanized. Is attached with 1 flange screw 28 and 1 flange screw 18 to the DW-threaded nuts of the panel's multi-function profile. Is used in inside corner areas only. The aluminium platform is placed onto the scaffolding bracket and secured with the integrated bolt. A front railing post can be plugged into the scaffolding bracket. The flange screws 28 and 18 must be ordered separately.



29-603-20 Walkway bracket 880 SB.....	24.6	
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Alu(minium) platform M SB

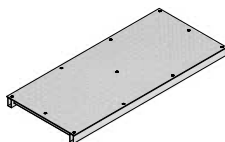
Aluminium support construction with slip-free corrugated aluminium sheet. Working width 75 cm. Admissible load 200 kg/m². Usable for Mammut 350 and Mammut panels that are 250 cm and 125 cm wide.



29-600-10	..... Alu platform M 2470 SB	34.5	
29-600-25	..... Alu platform M 1220 SB	17.8	

Alu(minium) platform M 1690 SB

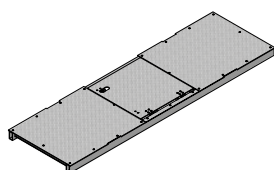
Inside corner platform. Usable for Mammut 350 and Mammut panels that are 250 cm wide. Aluminium support construction with slip-free corrugated aluminium sheet. Working width 75 cm. Admissible load 200 kg/m².



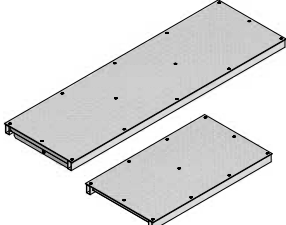
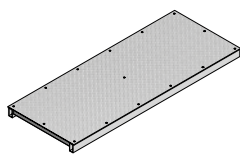
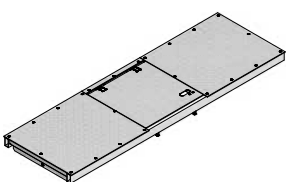
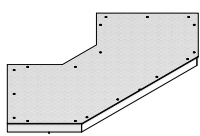
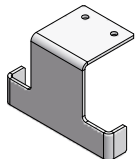
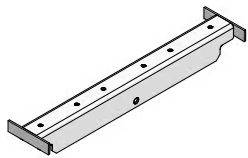
29-600-20 Alu platform M 1690 SB	24.9	
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Alu(minium) platform M 2470 SB with hatch

Aluminium support construction with slip-free corrugated aluminium sheet. Working width 75 cm. Admissible load 200 kg/m². Usable for Mammut 350 and Mammut panels that are 250 cm wide.

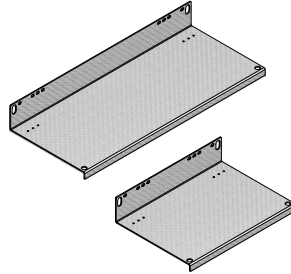


29-600-15 Alu platform M 2470 SB with hatch	35.7	
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	Ref.-No.	Description / Application	m ²	kg
Alu(minium) platform ST SB Aluminium support construction with slip-free corrugated aluminium sheet. Working width 75 cm. Admissible load 200 kg/m ² . Usable for StarTec panels that are 240 cm and 135 cm wide. 	29-600-40	Alu platform ST 2370 SB	31.7	
	29-600-55	Alu platform ST 1320 SB	18.9	
Alu(minium) platform ST 1890 SB Aluminium support construction with slip-free corrugated aluminium sheet. Working width 75 cm. Admissible load 200 kg/m ² . Is used as inside corner platform with 2 StarTec panels that are 135 cm wide. 	29-600-47	Alu platform ST 1890 SB	25.3	
Alu(minium) platform ST 2370 SB with hatch Aluminium support construction with slip-free corrugated aluminium sheet. Working width 75 cm. Admissible load 200 kg/m ² . Usable for StarTec panels that are 240 cm wide. 	29-600-45	Alu platform ST 2370 SB with hatch	32.6	
	29-600-35	Alu-platform ST 2670 SB with hatch	42.6	
Alu platform outside corners SB Aluminium support construction with slip-free corrugated aluminium sheet. Is placed onto 2 Walkway brackets SB and on the support for guard-railing post OC SB, and locked into place with the integrated safety pin. 	29-600-60	Alu platform outside corners SB	25.3	
Protection bracket SB The protection bracket SB is plugged into the aluminium platform and attached to the wooden compensation platform with two or more wooden screws, dia = 6 mm. Each compensation bracket requires a minimum of two protection brackets SB. They must be arranged in diagonal order. 	29-602-95	Protection bracket SB	0.6	
Support for wooden platform Galvanized. Is used to attach a wooden platform to the walkway bracket SB. The support is screwed to the wooden platform and then secured to the walkway bracket SB with the integrated pin. 	29-600-95	Support for wooden platform	6.7	

Compensation sheet

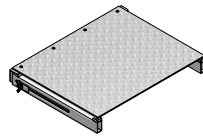
Bridges gaps up to 135 cm of 75 cm wide.



Ref.-No.	Description / Application	m ²	kg
29-600-90	..... Compensation sheet 1800	25.9	
29-600-92	..... Compensation sheet 1050	15.0	

Compensation covering 570 pluggable

Pluggable. Bridges gaps up to 40 cm wide.



29-600-85 Compensation covering 570 pluggable	7.2	
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Front guard-railing post SB 10

Not shown. Galvanized. Is used together with a scaffold tube to create a hand-rail. The front guard-railing post SB 10 is plugged into a transport hole of a MEVA wall formwork panel and secured with a cotter pin.

29-601-80 Front guard-railing post SB 10	1.2	
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Front railing post SB retractable

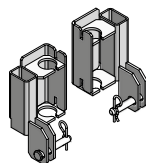
Galvanized, dia. 48.3 mm. Is used to install a retractable front railing SB made of scaffold tubes. On the facing side of the platform, one retractable front railing post is attached with the left retractable support to walkway bracket and the other retractable front railing post is attached using the right retractable support.



29-601-87 Front railing post SB retractable	6.2	
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Support railing post SB, retractable

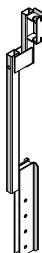
Galvanized. Is used for the retractable front railing SB made of scaffold tubes. The support is attached to the walkway bracket with a bolt and a cotter pin.



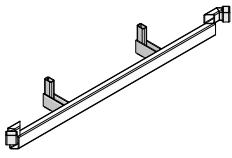
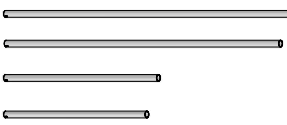

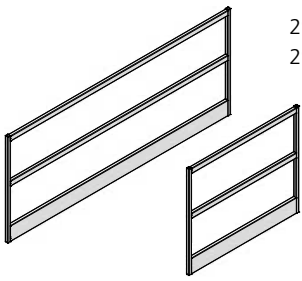
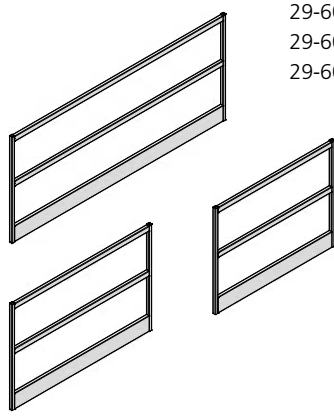
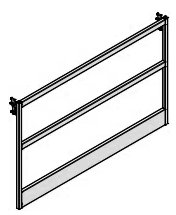
29-601-96	..... Support railing post SB LH, retractable	2.7	
29-601-95	..... Support railing post SB RH, retractable	2.7	

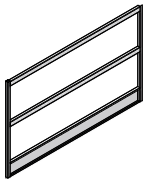
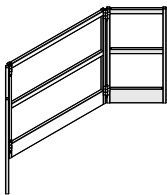
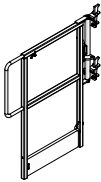
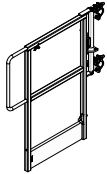
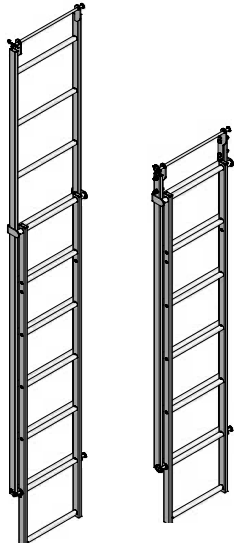
Support for guard-railing post IC SB

Galvanized. Is used for the attachment of a front guard-railing post. Is attached to the multi-function profile of the wall formwork panel in the inside corner area using a flange screw 18 and a flange screw 28.



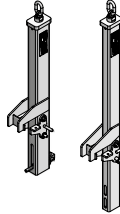
29-601-92 Support for guard-railing post IC SB	15.4	
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	Ref.-No.	Description / Application	m ²	kg
Support for guard-railing post OC SB Galvanized. Is placed onto 2 Walkway brackets SB and secured to the Alu platform outside corners SB with the integrated pin. 	29-601-93 Support for guard-railing post OC SB	13.2	
Scaffold tube SB Galvanized. Is used to assemble front railings for SecuritBasic aluminium platforms. 	29-603-55	..... Scaffold tube 48.3/2470 SB	9.1	
	29-603-60	..... Scaffold tube 48.3/2370 SB	8.7	
	29-603-65	..... Scaffold tube 48.3/1320 SB	4.6	
	29-603-70	..... Scaffold tube 48.3/1220 SB	4.5	
Swivel-joint coupler 48/48 Galvanized. Connects 2 scaffold tubes with 48.3 mm Ø at any angle. 	29-412-52	..... Swivel-joint coupler 48/48.....	1.2	
Rear railing frame M SB Galvanized. Is suspended into the rear railing posts SB. With handrail, mid rail and toe board. Usable for aluminium platforms M 2470 SB and M 1220 SB. 	29-602-10	..... Rear railing frame M 2470 SB	21.7	
	29-602-25	..... Rear railing frame M1220 SB	12.2	
Rear railing frame ST SB Galvanized. Is suspended into the rear railing posts SB. With handrail, mid rail and toe board. Usable for aluminium platforms ST 2370 SB, ST 1890 SB and ST 1320 SB. 	29-602-35	..... Rear railing frame ST 2670 SB	22.5	
	29-602-40	..... Rear railing frame ST 2370 SB	20.9	
	29-602-45	..... Rear railing frame ST 1890 SB	17.3	
Rear railing frame 1650 SB Galvanized. Is suspended into the rear railing posts. With handrail, mid rail and toe board. Usable for aluminium platform M 1690 SB when used to bridge gaps. 	29-602-55	..... Rear railing frame ST 1320 SB	13.0	
	29-602-60	..... Rear railing frame 1650 SB.....	16.6	

		Ref.-No.	Description / Application	m ²	kg
Rear railing frame IE 1650 SB Galvanized. With toeboard, mid rail and hand rail. Is suspended at the rear railing posts and above all used in inside corner areas.		29-602-65	Rear railing frame IC 1650 SB	15.5	
Rear railing frame OC SB Galvanized. With toeboard midrail and handrail. Is attached to the rear guard railing post and above all used in outside corner areas.		29-602-70	Rear railing frame OC SB.....	27.4	
Side railing hinged SB wedge Galvanized. Is used for lateral fall-down protection and also secures the compensation sheets. The side railing is attached at the rear railing frame and secured with a wedge. It can be opened towards the rear railing frame when walking from one platform to another.		29-601-77	Side railing hinged SB wedge.....	13.0	
Side railing hinged SB tube coupling Galvanized. Is used for lateral fall-down protection and also secures the compensation sheets. Is used for railings made of Ø 48 tubes and opened towards the rear railing frame when walking from one platform to another.		29-601-78	Side railing hinged SB tube coupler	13.2	
Telescopic ladder SB Galvanized. For all aluminium platforms with hatch.		29-603-40	Telescopic ladder 2600-4100 SB.....	27.2	
		29-603-45	Telescopic ladder 1700-3180 SB.....	22.4	

Lifting arm SB

Galvanized. Is required to save the platform railing from damages when erecting or laying down the formwork (horizontal lift). Can also be used for crane ganging once the formwork is erected (vertical lift). Load capacity per lifting arm: Lifting arm 1700 SB = 1700 kg and Lifting arm 900 SB = 900 kg and. Always two lifting arms per transport unit required.



Ref.-No.	Description / Application	m ²	kg
29-603-30	M lifting arm 1750 SB	28.0	
29-603-35	ST lifting arm 900 SB	25.7	

Rear railing post SB

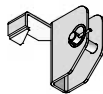
Galvanized. Dia. 48,3 mm. Is plugged into the walkway bracket and usable for all rear railing frames.



29-601-90	Rear railing post SB	4.6	
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Ladder fixture railing SB

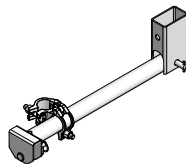
Galvanized. Is required and used to attach the ladder to the handrail of the platform when a formwork unit is height-extended and equipped with platforms on at least two levels.



29-603-75	Ladder fixture railing SB	1.1	
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Ladder fixture panel SB

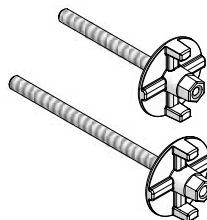
Galvanized. Is used to attach the ladder to the bottom of the bottom panel. Flange 18 must be ordered separately.



29-603-80	Ladder fixture panel SB	5.3	
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Flange screw

Galvanized. Is used to attach accessories such as brace frames, push-pull props and alignment rails. Length of thread is 18 and 27 cm.



29-401-10	Flange screw 18	1.1	
29-401-12	Flange screw 28	1.2	

Crane eye outside corner SB

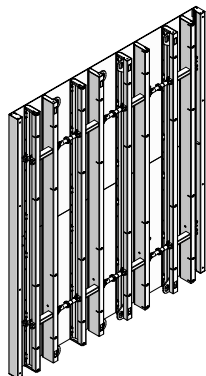
Is used to lift and transport the Alu platform outside corners SB. Is attached to the walkway bracket. One crane eye is required for each bracket.



29-602-97	Crane eye outside corner SB	1.1	
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Radius panels

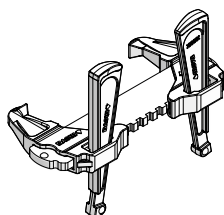
Support profiles made of steel, galvanized, with steel facing. The integrated spindle-system of the pre-assembled panels allows for a stepless adjustment of the radii, starting with 2.50 m. The Radius panels have a Mammut edge profile for panel connection (12 cm high, 6 cm wide). Amount of tie points per panel height: 3x at panel height 350, 2x at panel height 300, 1x at panel height 150. M-assembly locks and Uni-assembly locks as well as the continuous groove guarantee for a stepless, tight and aligned panel connection. The welded-in DW threaded nuts allow for an easy, quick and safe attachment of accessory parts.



Ref.-No.	Description / Application	m ²	kg
23-805-05	RS-outside panel 350/250	8.75	780.0
23-805-30	RS-outside panel 300/250	7.50	678.0
23-805-70	RS-outside panel 150/250	3.75	369.5
23-805-20	RS-outside panel 350/125	4.38	419.0
23-805-40	RS-outside panel 300/125	3.75	364.0
23-805-80	RS-outside panel 150/125	1.88	198.0
23-806-05	RS-inside panel 350/240	8.40	761.0
23-806-30	RS-inside panel 300/240	7.20	662.5
23-806-70	RS-inside panel 150/240	3.60	361.0
23-806-20	RS-inside panel 350/120	4.20	409.5
23-806-40	RS-inside panel 300/120	3.60	356.0
23-806-80	RS-inside panel 150/120	1.80	193.5

RS-assembly lock

Galvanized, to tightly connect and align Radius panels. Clamping length is 119 to 205 mm for stepless compensation. 2 assembly locks are required per panel joint for a panel height up to 300 cm; 3 assembly locks are required per panel joint for a panel height up to 350 cm.



23-807-70	RS-assembly lock.....	4.7
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M-assembly lock

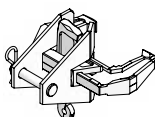
Galvanized, to tightly connect and align Radius panels. Clamping length 12 cm. 2 assembly locks are required per panel joint for a panel height up to 300 cm; 3 assembly locks are required per panel joint for a panel height up to 350 cm.



29-400-71	M-assembly lock	3.0
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Combi-lock with coupling

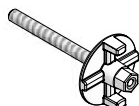
Galvanized. Is used to attach the push-pull props at the panel joint of the wall formwork profile widths of 40 and 60 mm. Clamping length 8, 10 and 12 cm.



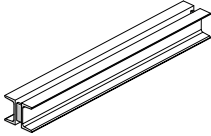
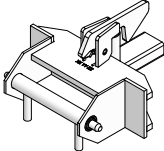
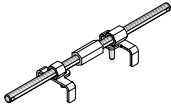
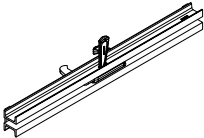
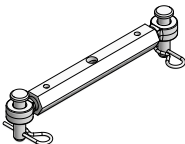
29-804-60	Combi-lock with coupling.....	3.7
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Flange screw

Galvanized. DW thread Ø 15 mm. Is used to attach accessories, e.g. alignment rails, brace frames, push-pull props, etc. Length of thread 18 cm.

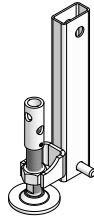


29-401-10	Flange screw 18.....	1.1
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	Ref.-No.	Description / Application	m ²	kg
Anchor rail RS The rail serves to tie the Radius formwork. Together with the shoe the rail is the support for the tying. The rail can be moved sideways on the shoes. The rail transfers the concrete load equally into the panel profiles. 	23-807-30	Anchor rail RS	20.5	
Shoe for anchor rail RS Galvanized. The shoe serves to hold the anchor rail and is plugged into two openings of the panel frame by using two pins which have to be pushed together. The pins stay in place due to a spring. They need to be pushed together until they snap into the openings. 	23-807-25	Shoe for anchor rail RS	5.8	
Top tie claw RS Galvanized. Is pressure-resistant and guarantees tensile strength. Is used to tie above the panels and suspended over the panels between their double profiles. Adjustment range: 150-500 mm. 	23-807-50	Top tie claw RS	3.1	
Alignment rail RS Galvanized. The alignment rail RS is only used when Radius panels are extended with each other. The amount of rails needed, is given by the openings in the steel profiles of the panels (4 at panel width 240 and 250; 2 at panel width 125 and 120). The claw of the integrated assembly locks reaches in into the openings of the frame profile and connects the panels. Additionally a flange screw 18 is used on each side of the joint to support the alignment. 	23-807-15	Alignment rail RS	12.2	
Additional spindle 270-390 RS With a radius greater than 5 m a additional spindle RS 270 - 390 RS is required at the panel joint. The additional spindle is attached at the standard spindle elevation at the plate of the last spindle of the panel with a bolt and a cotter pin. 	23-807-60	Additional spindle 270-390 RS	1.8	

Foot spindle RS

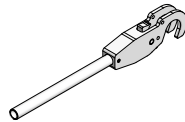
Is attached to a DW threaded nut of the panel frame by using a flange screw 18. It serves to adjust the Radius panels in height.



Ref.-No.	Description / Application	m ²	kg
23-807-35	..... Foot spindle RS		2.5

Ratchet removable RS

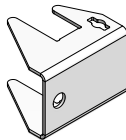
The detachable ratchet is used in combination with the spindles of the Radius panels to adjust the different radii. The ratchet fits all spindles of the Radius panels.



23-807-40 Ratchet removable		1.5
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Stop-end claw RS

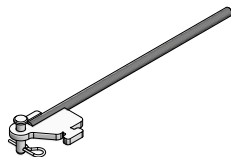
Galvanized. To form stop-ends of pouring cycles together with tie rods, stop-end fixtures, alignment rails and flange nuts/ articulated flange nuts.



23-807-10 Stop end clamp RS		3.1
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Stop-end fixture RS

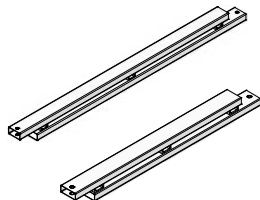
The stop-end fixture RS is used to form a stop end. It is either attached to the openings of the edge profile of the Radius panel or inserted into the stop-end claw.



23-807-55 Stop end fixture RS		1.7
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Alignment rails

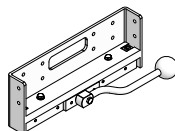
Galvanized, for stop ends in combination with the stop-end fixtures RS.



29-400-92	..... M-alignment rail 180, galv.		24.8
29-201-75	..... AS-alignment rail 125, galv.		10.5

Magnet RS 360 x 60 mm

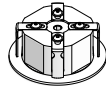
Not shown. The magnets are used to position the boxouts and are designed in a way that the boxouts can be firmly attached to them. Note that magnets only position the boxouts and make sure the boxouts are so stable that they withstand the fresh concrete pressure without deforming or moving along the facing.



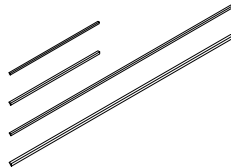
23-807-65 Magnet RS 360 x 360		5.4
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Magnet RS d = 60/80

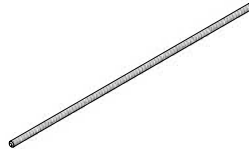
Used to position small box-outs or electrical sockets. Several magnets are used for box-outs up to 40 cm. The full clamping force is only transmitted when pressed against the facing.


Chamfer strip magnet RS

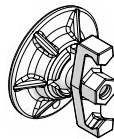
Not shown. Is used on steel facing, e.g. on the facing of the Radius circular system.


Tie rod DW 20/120

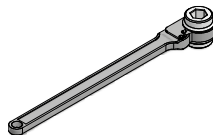
Uncoated, with DW-thread Ø 20, DIN 18216, not weldable, to tie panels of a double sided formwork; admissible load capacity 160 kN.


Articulated flange nut 20/140

Forged, galvanized. DIN 18216. DW thread Ø 20 mm, plate Ø 140 mm, max. inclination 10°, SW 36 mm. Max. load capacity 160 kN. Reduces wear of panel coating.


Spanner SW 36

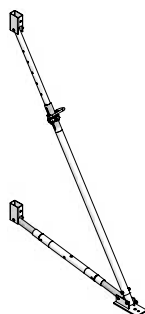
Inset yellow chromated; spanner width 36 mm. To tighten and loosen articulated flange nuts 20/140.


Water stop 20

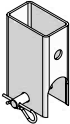
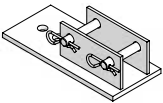
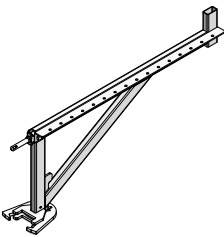
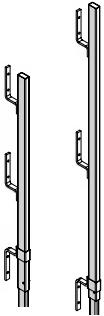
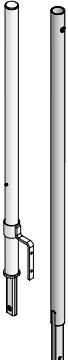
Uncoated, lost part; is used with tie rods DW 20 to produce watertight tie points. Max load capacity: 160 kN.


Brace frame 250

Galvanized. Available with formwork-prop connector. Is used to align and brace the formwork. Consists of a push-pull prop R 250 (190–320 cm), a brace SRL 120 (90–150 cm) and a double-jointed footplate. The formwork-prop connectors are attached to the formwork with flange screws 18.



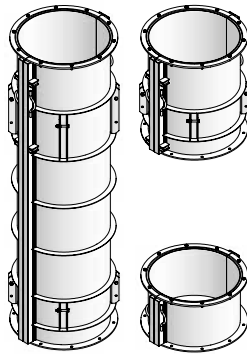
Ref.-No.	Description / Application	m ²	kg
23-807-67	Magnet RS d=60/80.....	1.0	
29-903-07	Chamfer strip magnet RS 20/20 L=2.00 m	3.2	
29-903-05	Chamfer strip magnet RS 20/20 L=1.00 m	1.6	
29-903-02	Chamfer strip magnet RS 15/15 L=2.00 m	2.2	
29-903-00	Chamfer strip magnet RS 15/15 L=1.00 m	0.9	
29-900-97	Tie rod DW 20/120	3.0	
29-900-05	Articulated flange nut 20/140	2.4	
29-800-15	Spanner SW 36.....	3.3	
29-903-30	Water stop 20.....	1.4	
29-109-20	Brace frame 250 with formwork-prop connector.....	31.5	

		Ref.-No.	Description / Application	m ²	kg
Formwork-prop connector Galvanized; to connect braces, brace frames and push-pull props (maximum Ø 48 mm) to the DW threaded nuts of the Radius profile by means of a flange screw 18. Delivery includes head bolt 16/90 and cotter pin 4.		29-804-85	Formwork-prop connector	1.7	
Double-jointed foot plate Galvanized. Delivery includes head bolt 16/90 and cotter pin 4. Serves as foot plate for brace frames 250 and as connector for braces and push-pull props up to Ø 57 mm.		29-402-32	Double-jointed foot plate (RS Ø to 57 mm)	4.0	
Walkway bracket RS Galvanized, pluggable, is used as working and safety scaffold. On the top end the bracket is attached to a DW threaded nut of the frame profile. At the bottom it is secured with the clamps. The planking can be mounted to the brackets. The working width is approx. 90cm. In addition to the bracket a guard-railing post is required.		23-807-20	Walkway bracket RS	6.7	
Guard-railing post Galvanized. Is plugged into the walkway bracket.		29-106-75	Guard-railing post 100, galv.	3.7	
		29-106-85	Guard-railing post 140, galv.	4.7	
Guard-railing post 48 Galvanized. With manifold to attach it to the walkway bracket and with tube Ø 48 mm to attach tube couplers.		29-106-80	Guard-railing post 48/120 (UK), galv.	5.5	
		29-920-80	Guard-railing post 48/134	5.5	

Circular Column Formwork

Circular column formwork Circo

Steel construction with steel sheeting. Primed and cavity-sealed. Consists of 2 semi-circular halves; inside sealed with clear varnish. Accurate height extension owing to special connecting flanges. Can be combined with Mammut panels, e.g. for stop ends; up to Ø 60 cm with M assembly locks; from Ø 65 cm with Circo-Mammut transition assembly locks. Standard height 300 cm, height extensions 50 cm and 100 cm.



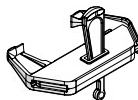
Please note

4 assembly locks are required per linear meter to close the formwork. 6 bolts M16x40 and 6 nuts M16 are required to mount the extension pieces up to Ø 60 cm; for diameters exceeding 65 cm 10 of each are necessary. Extension panels of 50 cm and 100 cm are delivered with the required number of screws. The head bolts 16/90 and cotter pins 4 required for the attachment of the bracing are delivered with the column formwork. Assembly locks and the bracing must be ordered separately.

Ref.-No.	Description / Application	m ²	kg
23-600-85	Circo 300/25	2.36	246.0
23-600-80	Circo 300/30	2.83	264.0
23-600-75	Circo 300/35	3.30	281.0
23-600-70	Circo 300/40	3.77	299.0
23-600-65	Circo 300/45	4.24	318.0
23-600-60	Circo 300/50	4.74	335.0
23-600-55	Circo 300/55	5.18	354.0
23-600-50	Circo 300/60	5.66	370.0
23-600-45	Circo 300/65	6.13	394.0
23-600-40	Circo 300/70	6.60	413.0
23-600-30	Circo 300/80	7.54	451.0
23-600-87	Circo 100/25	0.77	99.0
23-600-82	Circo 100/30	0.94	106.0
23-600-77	Circo 100/35	1.10	113.0
23-600-72	Circo 100/40	1.26	120.0
23-600-67	Circo 100/45	1.41	128.0
23-600-62	Circo 100/50	1.58	135.0
23-600-57	Circo 100/55	1.73	143.0
23-600-52	Circo 100/60	1.88	150.0
23-600-47	Circo 100/65	2.04	159.0
23-600-42	Circo 100/70	2.20	167.0
23-600-32	Circo 100/80	2.51	182.0
23-600-88	Circo 50/25	0.39	47.0
23-600-83	Circo 50/30	0.47	52.0
23-600-78	Circo 50/35	0.55	56.0
23-600-73	Circo 50/40	0.63	72.0
23-600-68	Circo 50/45	0.71	65.0
23-600-63	Circo 50/50	0.79	60.0
23-600-58	Circo 50/55	0.86	74.0
23-600-53	Circo 50/60	0.94	78.0
23-600-48	Circo 50/65	1.02	83.0
23-600-43	Circo 50/70	1.10	87.0
23-600-33	Circo 50/80	1.26	96.0
63-120-49	Hexagonal bolt M16 x 40, galv., DIN 933	4.5	
63-130-00	Hexagonal locking nut M16, galv., DIN 985	1.6	
42-413-50	Head bolt 16/90, galv.	0.2	
62-010-04	Cotter pin D=4	0.1	

M assembly lock

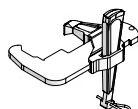
Galvanized. Tightly connects and aligns Circo panels. Clamping length 12 cm. 4 M assembly locks are required per linear meter.



29-400-71	M-assembly lock	3.0
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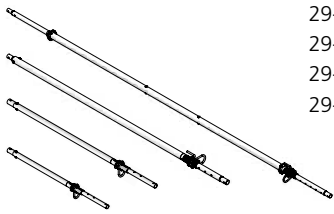
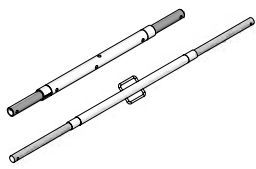
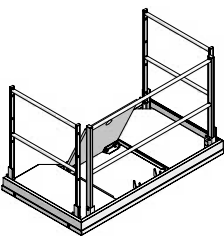
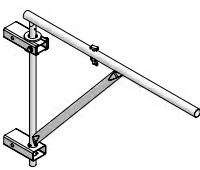
Transition lock Circo-Mammut

Galvanized. Connects Mammut panels to Circo panels with Ø 65 cm or more to form stop-ends.



29-400-80	Transition lock Circo-Mammut from Ø 65cm	3.4
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Circular Column Formwork

	Ref.-No.	Description / Application	m ²	kg
Brace frame 250 Galvanized. Without connector. Aligns and supports the formwork. The brace frame consists of a push-pull prop R 250 (190-320 cm), a brace SRL 120 (90-150 cm) and a double-jointed footplate. Is attached with head bolt 16/90 and cotter pin 4 to the Circo semi-circular half (included in the Circo delivery).				
	29-109-25	..... Brace frame 250 without connector	27.5	
Push-pull prop R Galvanized. Guarantees tensile and compression strength. Aligns and supports wall and column formwork. The footplate and connectors must be ordered separately.				
	29-109-40	..... Push-pull prop R 160 (135-200)	12.6	
	29-109-60	..... Push-pull prop R 250 (190-320)	17.2	
	29-109-80	..... Push-pull prop R 460 (340-520)	34.0	
	29-109-85	..... Push-pull prop R 630 (510-760)	57.0	
Brace SRL Galvanized. Guarantees tensile and compression strength. Consists of a right and left-hand spindle as well as a revolving central part. Aligns and supports wall and column formwork. The footplate and connectors must be ordered separately.				
	29-108-80	..... Brace SRL 120 (90-150)	8.8	
	29-108-90	..... Brace SRL 170 (120-220)	11.5	
Circo platform Access platform with foldable guard-railing; galvanized steel frame covered with non-slipping aluminium. Load capacity 2 kN/m ² . Is attached to a semi-circular half of the Circo column formwork with 2 Circo scaffolding brackets. Material required for a complete platform: 1 Circo platform, 2 Circo scaffolding brackets, 4 flange screws, 2 Circo railings.				
	29-415-10	..... Circo-platform	87.0	
Circo scaffolding bracket Galvanized. Is attached to the Circo circular column formwork with 2 flange screws and with an integrated hammerhead screw to the Circo platform. The flange screws must be ordered separately. 2 Circo scaffolding brackets are required per platform.				
	29-415-20	..... Circo-scaffolding bracket	17.0	

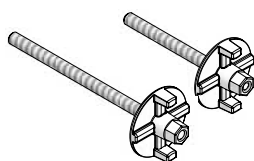
Circular Column Formwork

Circo railing tube

Not shown. Galvanized. Is attached with 2 integrated bolts to the guard-railing of the Circo platform when used as front railing. 2 tubes are required per platform.

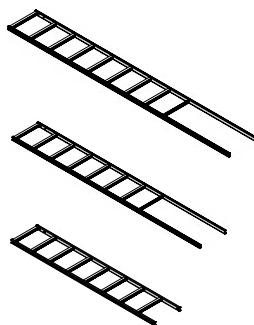
Flange screw

Galvanized. DW thread Ø 15 mm. Is used to attach the Circo scaffolding brackets to a semi-circular column half. Length of thread 18 cm or 27 cm.



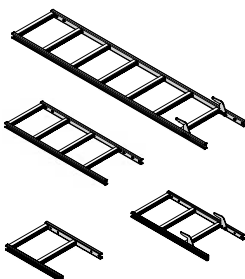
Ladder

Galvanized. Is hooked into the Circo access platform and automatically secured. Can be extended with extension ladders. Safety cages are required for operational safety.



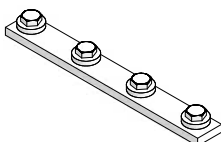
Extension ladder 210

Galvanized. Depending on the required height, the extension ladder is either hooked into the steps of the ladder or bolted to the ladder with the ladder connector. The extension ladder must be secured with the Ladder fixture. An additional extension in increments of 30 cm is achieved by hooking an extension ladder into the appropriate step.



Ladder connector

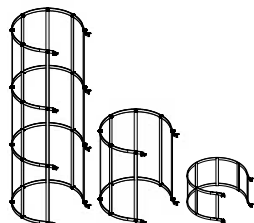
Galvanized. Connects the joint of two extension ladders without the need to hook one ladder into a step of the other.



Ref.-No.	Description / Application	m ²	kg
29-415-25	Circo-railing tube	4.5	
29-401-10	Flange screw 18	1.1	
29-401-12	Flange screw 28	1.2	
29-414-50	Ladder 348	23.2	
29-414-55	Ladder 318	21.1	
29-416-50	Ladder 243	17.2	
29-416-52	Extension ladder 270	19.2	
29-414-60	Extension ladder 210	15.9	
29-416-55	Extension ladder 120	8.5	
29-416-60	Extension ladder 90	7.4	
29-416-62	Extension ladder 60	4.4	
29-414-70	Ladder connector	1.0	

Safety cage

Galvanized. Internal Ø 70 cm. Protects workers when ascending and descending the ladder. The safety cages are attached to the (extension) ladders with the integrated hammerhead screws.



Ref.-No.	Description / Application	m ²	kg
29-414-85	Safety cage 210	27.9	
29-414-90	Safety cage 85	12.0	
29-416-90	Safety cage 40	8.2	

Ladder fixture

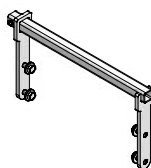
Galvanized. Use the two provided screws to attach the ladder fixture to the push-pull prop connector.



29-415-45	Ladder fixture	16.0	
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Suspension bracket for extension ladders

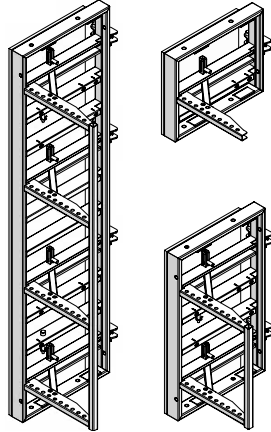
Galvanized. The suspension bracket is connected to the platform planking and the extension ladder 270 is screwed to the suspension bracket on both sides of the suspension bracket. Screws are provided.



29-415-50	Suspension bracket for extension ladders	2.6	
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CF column formwork

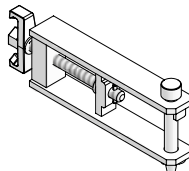
Construction height 12 cm, frame profile width 30 mm. The panels frames are made of closed steel profiles and are torsion-proof, corrosion-resistant. The panels are equipped with alkus facing. AS assembly locks guarantee a stepless, tight and perfectly aligned connection of stacked panels. Multi-function profiles allow for an easy, fast and safe attachment of accessories. Column cross sections are possible from 20 cm to 60 cm in increments of 5 cm. The panels are assembled like a windmill and tied with CF spanners across the corners.



Ref.-No.	Description / Application	m ²	kg
23-603-10	CF-column panel AL 20... 360	2.16	203.0
23-603-20	CF-column panel AL 20... 270	1.62	152.5
23-603-30	CF-column panel AL 20... 120	0.72	73.5
23-603-40	CF-column panel AL 20... 60	0.36	40.0

CF spanner

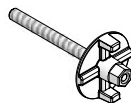
Galvanized. Is used to open and close the CaroFalt. The required quantity depends on the panel height (h): 6 for h 360 cm, 4 for h 270 cm, 2 for h 120 cm, 1 for h 60 cm.



29-413-65	CF-spanner	4.6
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Flange screw 18

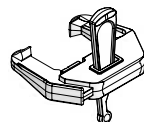
Galvanized. DW thread Ø 15 mm. Is used to attach accessories such as brace frames, push-pull props, CF brackets, CF-ladder fixtures, etc. Length of thread 18 cm.



29-401-10	Flange screw 18	1.1
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AS assembly lock

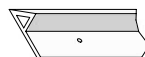
Galvanized. Tightly connects and aligns CaroFalt panels. Clamping length 8 cm. 2 AS assembly locks are required per panel joint.



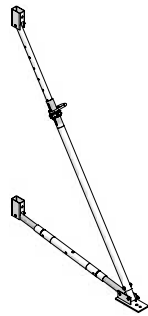
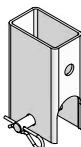
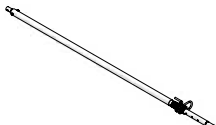
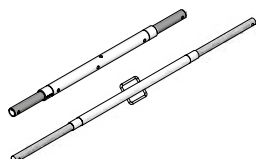
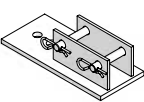
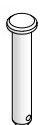

29-205-00	AS-assembly lock	2.0
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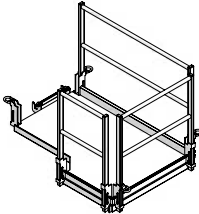
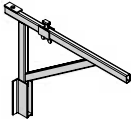
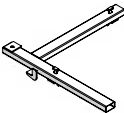
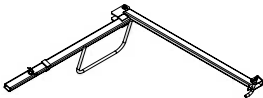
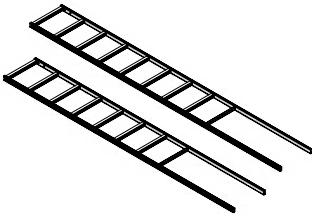
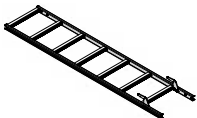
Chamfer strip 15/15

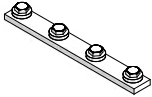
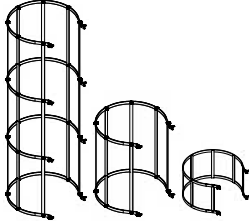
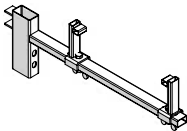
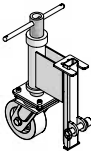
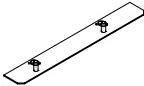
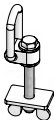
PVC; with perforated strip. Length 2.50 m.



29-902-90	Chamfer strip 15/15, PVC (L=2.50m)	0.5
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	Ref.-No.	Description / Application	m ²	kg
Brace frame 250 Galvanized. Available with formwork-prop connector. Is used to align and brace the formwork. Consists of a push-pull prop R 250 (190–320 cm), a brace SRL 120 (90–150 cm) and a double-jointed footplate. The formwork-prop connectors are attached to the formwork with flange screws 18.				
	29-109-20	Brace frame 250 with formwork-prop connector.....	31.5	
Formwork-prop connector Galvanized. Connects braces, brace frames and push-pull props (max. Ø 48 mm) to the multi-function profile with a flange screw 18. Delivery includes head bolt 16/90 and cotter pin 4.				
	29-804-85	Formwork-prop connector	1.7	
Push-pull prop R Galvanized. Guarantees tensile and compression strength. Aligns and supports wall formwork. The footplate and formwork-prop connector must be ordered separately.				
	29-109-40	Push-pull prop R 160 (135-200).....	12.6	
	29-109-60	Push-pull prop R 250 (190-320).....	17.2	
	29-109-80	Push-pull prop R 460 (340-520).....	34.0	
	29-109-85	Push-pull prop R 630 (510-760).....	57.0	
Brace SRL Galvanized. Guarantees tensile and compression strength. Consists of a right and left-hand spindle as well as a revolving central part. Is used to align and support wall formwork. The footplate and the formwork-prop connector must be ordered separately.				
	29-108-80	Brace SRL 120.....(90-150).....	8.8	
	29-108-90	Brace SRL 170.....(120-220).....	11.5	
Double-jointed foot plate Galvanized. Delivery includes head bolt 16/90 and cotter pin 4. Serves as foot plate for brace frames 250 and as connector for braces and push-pull props up to Ø 57 mm.				
	29-402-32	Double-jointed foot plate (RS Ø to 57 mm)	4.0	
Head bolt 16/90 Galvanized. Is used to attach push-pull props and braces to foot plates and formwork-prop connectors.				
	42-413-50	Head bolt 16/90, galv.....	0.2	
Cotter pin 4 Galvanized. Locks the head bolt.				
	62-010-04	Cotter pin D=4	0.1	
Collapsible clip Not shown. Galvanized. Locks the head bolt.				
	62-010-03	Collapsible clip 4.5.....	0.1	

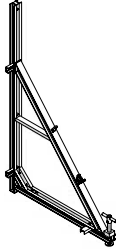
	Ref.-No.	Description / Application	m ²	kg
CF access platform With pluggable guard-railing; galvanized steel frame covered with non-slipping aluminium. Load capacity 2 kN/m ² . Is attached to the CF column panels with a CF scaffold bracket and a CF cantilever angle. 	29-414-10	CF-access platform	106.5	
CF scaffold bracket Galvanized. Connects the CaroFalt and the CF access platform. Is attached to the CF column panel with a flange screw 18 and a CF transport device 130 through the transport hole. The CF access platform is attached with the integrated hammerhead screw. 	29-414-15	CF-scaffold bracket	9.5	
CF cantilever angle Galvanized. Is attached to the CF column panel with CF transport device 130 through the transport hole. The CF access platform is secured with the integrated hammerhead screw. 	29-414-20	CF-cantilever angle	14.5	
CF front railing Galvanized. Is plugged into the CF-access platform. 	29-414-25	CF-front railing	11.0	
Ladder Galvanized. Is hooked into the CF-access platform and automatically secured. Can be extended with extension ladders. Safety cages are required for operational safety. 	29-414-50	Ladder 348	23.2	
	29-414-55	Ladder 318	21.1	
	29-416-50	Ladder 243	17.2	
Extension ladder Galvanized. Depending on the required height, the extension ladder is either hooked into the steps of the ladder or bolted to the ladder with the ladder connector. The extension ladder must be secured with the CF-ladder fixture. An additional extension in increments of 30 cm is achieved by hooking an extension ladder into the appropriate step. 	29-416-52	Extension ladder 270	19.2	
	29-414-60	Extension ladder 210	15.9	
	29-416-55	Extension ladder 120	8.5	
	29-416-60	Extension ladder 90	7.4	
	29-416-62	Extension ladder 60	4.4	

		Ref.-No.	Description / Application	m ²	kg
Ladder connector Galvanized. Connects the joint of two extension ladders without the need to hook one ladder into a step of the other.		29-414-70	Ladder connector	1.0	
		29-414-85	Safety cage 210	27.9	
		29-414-90	Safety cage 85	12.0	
Safety cage Galvanized. Internal Ø 70 cm. Protects workers when ascending and descending the ladder. The safety cages are attached to the (extension) ladders with the integrated hammerhead screws.		29-416-90	Safety cage 40	8.2	
CF ladder fixture Galvanized. Is attached to a multi-function profile of the CaroFalt with a flange screw 18. Two CF-ladder fixtures are required for heights from 3.60 m, three for heights from 4.80 m.		29-414-65	CF-ladder fixture	5.0	
CF transport wheel Galvanized. Hard rubber wheels with little rolling friction. For the horizontal transport of closed column formwork. Load capacity 600 kg per wheel. Spindle range 7.5 cm. Always 4 wheels are required for a formwork unit. May be used up to a formwork height of 3.60 m. For use and safety check see the Operating Instructions.		29-413-50	CF-transport wheel	14.9	
CF steel sheet for sliding Galvanized. Protects the alkus facing and the panel frames from damage when opening and closing the formwork. Is attached to tranport holes and secured with clip pins. Four steel sheets are required per column from. Delivery includes clip pins.		29-413-60	CF-steel sheet for sliding	3.2	
CF transport device 130 For the vertical transport of the CF-column formwork. Is bolted. Load capacity 12 kN (1,2 tons). Always 3 CF transport devices are required per column unit. For use and safety test of the CF transport device refer to its Operating Instructions.		29-413-70	CF-transport device 130	1.7	

Single-Sided Formwork

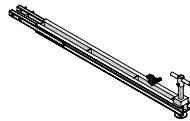
Support frame STB 300

Sturdy steel construction, coated: Height 2.20 or 3.00 m. Is used to brace single-sided wall formwork up to a pouring heights of 330 cm. A spindle allows for the precise plumb-vertical positioning of the formwork.



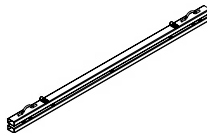
Base extension 300/200

Coated. Supplements the support frame STB 300 for special applications, which require a detailed planning and static calculation by MEVA engineers.



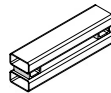
Cross beam 300

Coated. Links formwork in vertical position and support frames with flange screws. Allows to build transport units. Welded-in nuts guarantee a support frame spacing adapted to MEVA wall formwork systems.



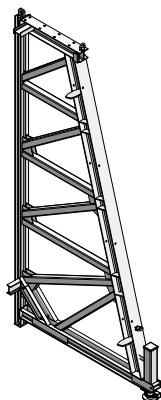
M-Cross stiffener 44

Galvanized. In connection with support frames STB 300 it is used as a tie-beam to transfer the load from the support frame into the anchoring loops.



Support frame STB 450

Sturdy steel construction, coated, height 4.50 m. To brace single-sided wall formwork up to a pouring height of 5.00 m. A spindle allows to set the formwork plumb.



Support frame STB 450 for mobile unit

Not shown. The support frame STB 450 for mobile unit is equipped with an additional steel plate so it can be distinguished from other support frames. The steel plate is in signal colour.

Ref.-No.	Description / Application	m ²	kg
29-402-62	Support frame STB 300	169.0	
29-402-64	Base extension STB 300/200	53.2	
29-403-05	Cross beam 300	60.0	
29-401-02	M-Cross stiffener 44	6.3	
29-406-00	Support frame STB 450	822.0	
29-406-02	Support frame STB 450 for travelling unit	828.0	

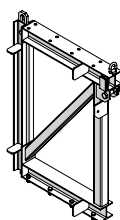
Single-Sided Formwork

Height extension connector STB 450

Not shown. Coated. Connects the support frame STB 450 with the STB-height extension 150 and the height extensions to each other.

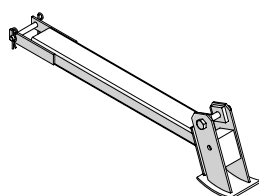
STB-height extension 150

Coated. Height 1,50 m. Extends support frame STB 450 by 1,50 m (one or several times). Pouring heights of 7,50 m (or higher) also require Triplex SB braces and base extensions. The required connecting devices are included in the delivery. Pouring heights exceeding 7,50 m also require Triplex SB braces and base extensions – all necessary connectors are included in the delivery. The height extension is attached to the support frame or to another height extension by 4 screws M20 which are part of the delivery. Please note that you have to order additional screws M20 when using more than 2 height extensions in which case you need to connect each extension with 8 screws. The crane eye has an admissible load bearing capacity of 3,2 tonnes.



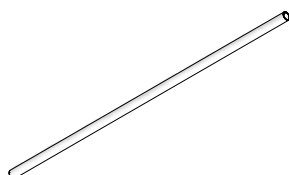
STB-base extension

Coated. Is used for the one-time or -multiple backward extension of support frame STB 450 and for the attachment of Triplex SB braces.



Scaffold tube

Galvanized. Is used to reinforce large-size units of support frames or climbing systems for transport.



Rigid coupler 48/48

Galvanized. Connects 2 scaffold tubes with Ø 48.3 mm at an angle of 90°. SW 22.




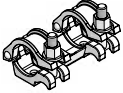



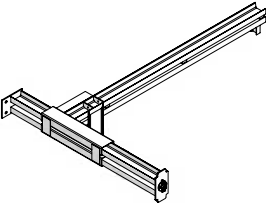
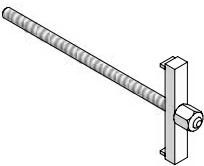
Swivel-joint coupler 48/48

Galvanized. Connect 2 scaffold tubes with Ø 48.3 mm at any angle required.



Ref.-No.	Description / Application	m ²	kg
29-406-90	Connector for height extension STB 450	13.2	
29-406-10	Height extension STB 150	119.0	
29-406-20	Base extension STB 450	40.0	
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	
29-412-50	Rigid coupler 48/48	1.1	
29-412-52	Swivel-joint coupler 48/48	1.2	

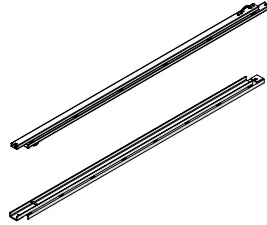
Single-Sided Formwork

		Ref.-No.	Description / Application	m ²	kg
Bolt-on coupler 48/M14 Galvanized. Permits the attachment of scaffold tubes with Ø 48.3 mm to support frames, climbing brackets, etc.		40-080-70	Bolt-on coupler 48/M14.....	0.6	
Joint coupler 48/48 SW 22 Galvanized. Is used together with a tube connector 48 to attach scaffold tubes with Ø 48.3 mm at tube joints.		29-412-55	Joint coupler 48/48 (SW 22).....	1.4	
Tube connector 48 Galvanized. Is required for joint coupler 48/48 and used to reinforce the joint of 2 tubes.		29-412-57	Tube connector 48.....	1.1	
Triplex SB Galvanized. Provides together with the base extension the required additional support for concreting heights of 7.50 m (or higher). For details see the Triplex Technical Instruction Manual.		29-407-15	Triplex SB 300 (right-hand thread).....	71.0	
		29-407-17	Triplex SB 300 (left-hand thread).....	71.0	
		29-407-30	Triplex intermediate piece SB 50.....	15.0	
		29-407-35	Triplex intermediate piece SB 100.....	22.0	
		29-407-40	Triplex intermediate piece SB 200.....	37.0	
		29-407-45	Triplex intermediate piece SB 300.....	52.0	
		29-407-25	Top unit 73 (left-hand thread) black spindle.....	19.0	
		29-407-20	Top unit 73 (right-hand thread) silver spindle.....	19.0	
Fixing screw 35/DW15 Galvanized. Is used to attach a support frame to the tie holes of panels in horizontal position. A flange nut 100 or an articulated flange nut 15/120 is required.		29-401-20	Fixing screw 35/DW15.....	0.6	
Stop end bracket SB 110 Coated. Is used to form stop ends when the pouring height exceeds 4.00 m. For max. wall thickness 1.10 m. A clamping device for stop end brackets SB 110 (or a tie rod DW 15 with a length of 45 cm) is required to attach the stop end bracket SB 110 to the support frame.		29-406-40	Stop end bracket SB 110.....	198.0	
Clamping device for stop end bracket SB 110 Coated. Is used to connect the stop end bracket SB 110 to the support frame. A flange nut 100 or an articulated flange nut 15/120 is also required.		29-406-60	Clamping device for stop end bracket SB 110.....	1.4	

Single-Sided Formwork

M alignment rail

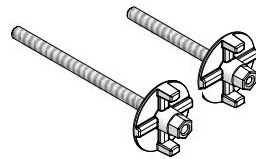
Galvanized. Are used to brace panel joints for crane ganging, bridge problem areas, brace compensation areas and build stop ends with stop end fixtures. Are attached to the formwork with flange screws.



Ref.-No.	Description / Application	m ²	kg
29-402-38	M-alignment rail 450, reinforced.....	159.0	
29-402-40	M-alignment rail 450	84.0	

Flange screw

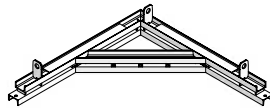
Galvanized. DW thread Ø 15 mm. Is used to attach accessories to the multi-function profiles of the panels, e.g. alignment rails, cross braces, cross beams 300, formwork-prop connectors, etc.



29-401-10	Flange screw 18	1.1	
29-401-12	Flange screw 28	1.2	

Cross brace STB

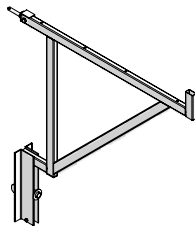
Coated. Supports the inside corner area of single-sided wall formwork. Dimensions 137 x 137 cm. Welded-in DW-threaded nuts to attach 2 or 3 support frames STB 300 or STB 450. Flange screws are required to attach the cross brace to the formwork and the support frame to the cross brace.



29-406-70	Corner bracket STB	92.0	
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Walkway bracket

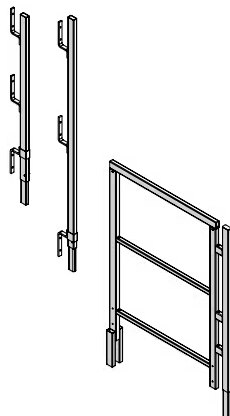
Galvanized, yellow, pluggable. Is used as working and safety scaffold. Is attached to the multi-function profile and secured to the multi-function profile below with a flange screw 18. The planking can be mounted to the brackets. Working width approx. 90 or 125 cm. MEVA Guard-railing post is also required. Bracket spacing depends on type of planking (DIN 4420).



29-106-00	Walkway bracket 90 (yellow), galv.....	10.3	
29-106-50	Walkway bracket 125 (yellow), galv.....	11.8	

Guard-railing post

Galvanized. Is plugged into the walkway bracket.



29-106-75	Guard-railing post 100, galv.	3.7	
29-106-85	Guard-railing post 140, galv.	4.7	

Side railing

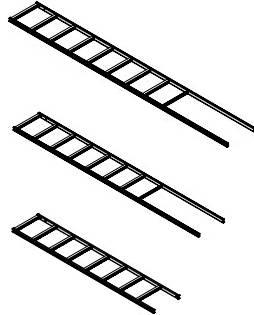
Galvanized. Is plugged into the walkway bracket.

29-108-20	Side railing 90/100, galv.....	12.3	
29-108-30	Side railing 125/100, galv.....	13.8	

Single-Sided Formwork

Ladder

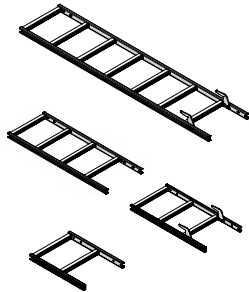
Galvanized. Is hooked into the CF-access platform and automatically secured. Can be extended with extension ladders. Safety cages are required for operational safety.



Ref.-No.	Description / Application	m ²	kg
29-414-50	Ladder 348		23.2
29-414-55	Ladder 318		21.1
29-416-50	Ladder 243		17.2

Extension ladder 210

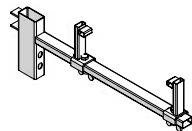
Galvanized. Depending on the required height, the extension ladder is either hooked into the steps of the ladder or bolted to the ladder with the ladder connector. The extension ladder must be secured with the Ladder fixture 33/45. An additional extension in increments of 30 cm is achieved by hooking an extension ladder into the appropriate step.



29-416-52	Extension ladder 270	19.2
29-414-60	Extension ladder 210	15.9
29-416-55	Extension ladder 120	8.5
29-416-60	Extension ladder 90	7.4
29-416-62	Extension ladder 60	4.4

Ladder fixture 33/45

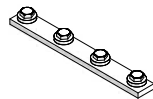
Galvanized. Is attached to the multi-function profile of the wall formwork panel with a flange screw 18. When used for formwork heights from 350 cm to 450 cm, the STB 450 support frame requires three ladders fixtures 33/45. For formwork heights exceeding 450 cm, contact the MEVA application engineering.



29-404-35	Ladder fixture 33/45	6.4
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Ladder connector

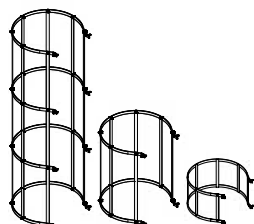
Galvanized. Connects the joint of two extension ladders without the need to hook one ladder into a step of the other.



29-414-70	Ladder connector	1.0
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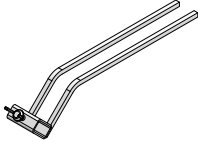
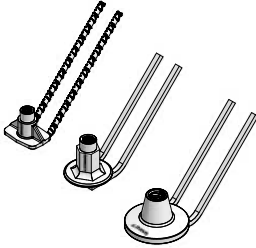
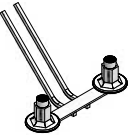
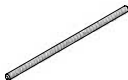
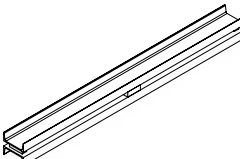

Safety cage

Galvanized. Internal Ø 70 cm. Protects workers when ascending and descending the ladder. The safety cages are attached to the (extension) ladders with the integrated hammerhead screws.



29-414-85	Safety cage 210	27.9
29-414-90	Safety cage 85	12.0
29-416-90	Safety cage 40	8.2

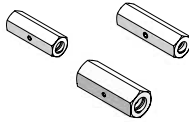
Single-Sided Formwork

	Ref.-No.	Description / Application	m ²	kg
Anchor support DW 15 - DW 26.5 Steel, uncoated. Bottom bent by 45°. Supports DW 15, DW 20 and DW 26.5 tie rods. The tie rods are re-usable if PVC sleeves are used. The anchor support is always attached with the integrated adjusting screw.				
	29-925-80	Anchor support DW 15 - DW 26	1.0	
Single anchor DW Steel, uncoated. Admissible load: DW 15 = 90 kN, DW 20 = 160 kN, DW 26 = 250 kN. Is used for 45° anchoring in the bottom slab when using support frames. Attachment at bottom rebar.				
	29-925-40	Single anchor DW15	0.8	
	29-925-45	Single anchor DW 20	1.3	
	29-925-50	Single anchor DW 26	2.4	
Double anchor DW Steel, uncoated. Admissible load: DW 15 = 180 kN, DW 20 = 320 kN. Is used for 45° anchoring in the bottom slab when using support frames. Attachment at bottom rebar.				
	29-925-60	Double anchor DW 15	1.8	
	29-925-65	Double anchor DW 20	2.7	
Tie rod DW Uncoated; not weldable; with DW thread; DIN 18216. To transfer the load from the support frame into the floor slab or foundation Ø in mm. Ø 15: admissible load capacity 90 kN, Ø 20: admissible load capacity 160 kN, Ø 26.5: admissible load capacity 250 kN.				
	29-900-76	Tie rod DW 15/45	0.6	
	29-900-80	Tie rod DW 15/90	1.3	
	29-900-97	Tie rod DW 20/120	3.0	
	29-900-75	Tie rod DW 26.5/80	3.6	
Twin channel Coated. Is used with support frame STB 450 and transfers the load from the support frame into the anchor bars.				
	29-406-30	Twin channel 245/22	148.0	
	29-406-35	Twin channel 80/22	49.0	
	29-406-38	Twin channel 80/12	22.5	
Anchor loop Uncoated, not weldable. With DW thread. DIN 18216. Transfers the load from the support frame into the floor slab or foundation. Adm. load depends on loop diameter. Ø 15 mm: 2 x 90 kN = 180 kN. Ø 20 mm: 2 x 160 kN = 320 kN.				
	29-001-20	Anchor loop 15	2.4	
	29-001-25	Anchor loop 20	4.5	

Single-Sided Formwork

Coupling nut

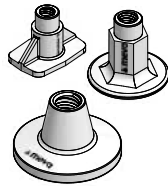
With DW thread; DIN 18216. Connects tie rods to the anchor loop when length extension is necessary. Admissible load in kN and SW in mm: Ø 15 mm (90 kN, SW 30), Ø 20 mm (160 kN, SW 36), Ø 26.5 mm (250 kN, SW 46).



Ref.-No.	Description / Application	m ²	kg
29-900-55	Coupling nut 15 (SW 30)		0.4
29-900-50	Coupling nut 20		0.7
29-900-56	Coupling nut 26.5		1.4

Fix anchor

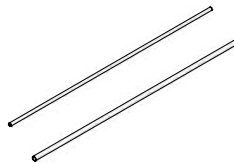
Uncoated. Is used to anchor tie rods in the concrete with anchor supports.



29-926-60	Fix anchor DW 15	0.5
29-926-65	Fix anchor DW 20	0.9
29-926-70	Fix anchor DW 26	1.9

Plastic tube

Is used as a plastic sleeve for a tie rod that is to be recovered and re-used. 2 m long.



29-902-30	Plastic tube D22/200	0.4
29-902-28	Plastic tube D30/200	0.4
29-902-29	Plastic tube D26/200 for fix anchor DW 15	0.4
29-902-27	Plastic tube D32/200 for fix anchor DW 20	3.8

Planing cap DW

Hard foam, 10 cm long, 45° end piece. For DW 15 and DW 20. Is plugged onto the DW tie rod or on a plastic sleeve for one-sided anchoring of support frames STB. Hole depth 5 cm.



29-917-75	Planing cap DW 15	1.0
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Spiral anchor DW 15/100

Steel spiral bead, 10 cm long, with styropore core. Is used to attach formwork equipment with tie rods DW 15, e.g. when adjusting the equipment when using push-pull props or the like. Remove the styropore with a 14 mm drill.



29-921-10	Spiral anchor DW 15/100	6.1
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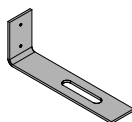
Adjustable spanner

Not shown. For DW 15, DW 20 and DW 26.5. Is used to loosen and unscrew recoverable tie rods.

29-926-95	Adjustable spanner	1.6
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
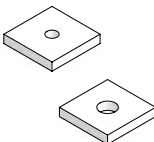
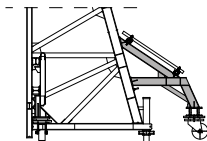
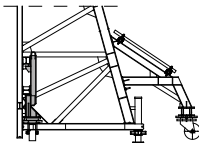
Upright bracket

Adjustment range 100 mm. Is used to brace upright formwork.

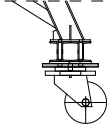
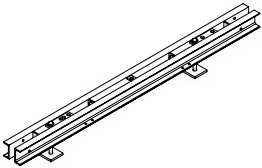
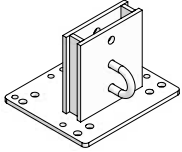
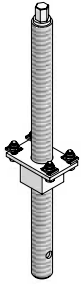

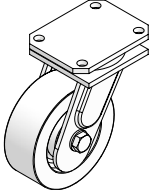


29-925-10	Upright bracket	0.8
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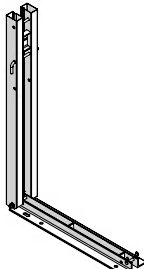
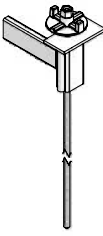
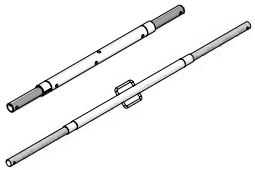
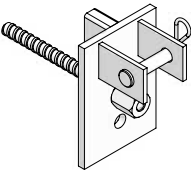

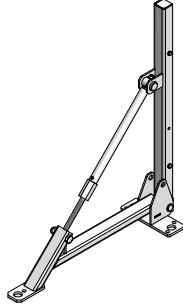
Single-Sided Formwork

		Ref.-No.	Description / Application	m ²	kg
Articulated flange nut Forged, galvanized. DIN 18216. DW thread Ø 15 mm (20 mm). Plate Ø 120 mm (140 mm), max. inclination 10°, SW 27 (36). Max. load capacity 90 kN (160 kN).		29-900-10 Articulated flange nut 15/120 (SW 27).....	1.8	
		29-900-05	..... Articulated flange nut 20/140.....	2.4	
Flange nut 100 Forged; galvanized. DIN 18216. DW thread Ø 15 mm, plate Ø 100 mm, SW 27. Max. load capacity 90 kN.		29-900-20	..... Flange nut 100 (SW 27, forged).....	0.7	
Spanner SW 36 Inset yellow chromated; spanner width 36 mm. To tighten and loosen articulated flange nuts 20/140.		29-800-10	..... Spanner SW 27	1.8	
		29-800-15	..... Spanner SW 36.....	3.3	
Hexagonal nut Forged; with DW thread; DIN 18216. To tie the anchors in the bottom slab and at the support frame; is used with a counter plate to increase the pull-out resistance. Admissible load in kN and SW in mm. Ø 15 mm (90 kN, SW 30), Ø 20 mm (160 kN, SW 36), Ø 26.5 mm (250 kN, SW 46).		29-900-60	..... Hexagonal nut 15, galv. (SW 30).....	0.2	
		29-900-61	..... Hexagonal nut 20 (SW 36).....	0.5	
		29-900-58	..... Hexagonal nut 26.5	0.5	
Counter plate Galvanized. is used to anchor the support frame together with the hexagonal nut. Hole Ø 25 mm or 38 mm.		29-900-35	..... Counter plate 120 x 120 x 20/25, galv.	2.1	
		29-900-30	..... Counter plate 120 x 120 x 20/38, galv.	2.1	
Trolley bracket STB 450 Coated. For swivel-type castors with different load capacities. Is required for mobile formwork units with support frame STB 450.		29-406-75	..... Trolley Bracket STB 450	95.0	
Support bracket STB 450 Coated. For swivel-type castors with different load capacities. Is required for mobile formwork units with support frame STB 450.		29-406-80	..... Support Bracket STB 450	59.5	

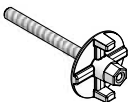

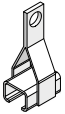
Single-Sided Formwork

		Ref.-No.	Description / Application	m ²	kg
Adapter for swivel-type castor STB 450 Coated. For swivel-type castors with different load capacities. Is required for mobile formwork units with support frame STB 450 if height exceeds 6 m.		29-406-85	Adapter for swivel-type castor STB 450	19.0	
Trolley waler Coated. Is used for a fast support frame transport when a crane cannot be used. The trolley waler is attached to the support frame units. Wheel adapters, trolley spindles and castors are required. Please observe the trolley waler instructions.		29-403-70	Trolley waler	76.0	
Wheel adapter for trolley waler Galvanized. Is used to install swivel-type castors for 2 or 6 tons.		29-403-75	Wheel adapter for trolley waler	12.0	
Trolley spindle 48/70 Galvanized. Is used to raise or lower the support frame units when attaching the swivel-type castors.		29-403-80	Trolley spindle 48/70	7.4	
Swivel-type castor 2 tons Suited for the wheel adapter for the trolley waler. Load capacity 2 tons; with slide bearing; total height 305 mm; plate size 175 x 140 mm; screw hole spacing 140 x 105 mm; drill hole Ø 14 mm; cantilever 75 mm.		29-306-50	Swivel-type castor 2 t	8.3	
Swivel-type castor 6 tons Load capacity 6 tons; with ball bearing; total height 330 mm; plate size 225 x 200 mm, screw hole spacing 210 x 200 mm, drill hole Ø 18 mm, cantilever 85 mm.		29-306-75	Swivel-type castor 6 t	22.1	

Single-Sided Formwork

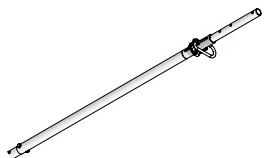
		Ref.-No.	Description / Application	m ²	kg
Brace bracket SK 150 Coated. Is used to form stop ends for foundation slabs with a max. thickness of 1.50 m. Braces SRL 120 or SRL 170 must be ordered separately.		29-403-50	Brace bracket SK 150	38.0	
Positioning support SK Coated. Permits the exact levelling and positioning of stop ends when used with the brace bracket SK 150, even on a sloped surface.		29-403-55	Positioning support SK	4.1	
Brace SRL Galvanized. Consists of a right and a left-hand spindle as well as a revolving centre part. The brace is delivered without foot plate and without formwork-prop connector.		29-108-80	Brace SRL 120 (90-150)	8.8	
		29-108-90	Brace SRL 170 (120-220)	11.5	
Reversible coupling for push-pull props To connect braces to vertical alignment rails.		29-401-74	Reversible coupling for push-pull props	2.0	
Push-pull prop R Galvanized. Guarantees tensile and compression strength. Aligns and supports wall formwork. The footplate and formwork-prop connector must be ordered separately.		29-109-80	Push-pull prop R 460 (340-520)	34.0	
Brace bracket 80 Galvanized. Can be used for floor slabs and slab ends up to 80 cm high. Can be inclined by up to +/- 15°. With plastic nail bar. Can be folded for transport.		29-921-35	Brace bracket 80	11.5	

Single-Sided Formwork

		Ref.-No.	Description / Application	m ²	kg
Flange screw 12 Galvanized. DW thread Ø 15 mm. Is used to attach accessories, e.g. alignment rails, brace frames, push-pull props, etc. Length of thread 12 cm.		29-900-70	..... Flange screw 12.....	1.0	
Double-headed ground nail 25/480 Is used to attach brace bracket 80. Double-headed. Is removed from the earth with the extractor. (to be ordered separately).		29-800-45	..... Double-headed ground nail 25/480	2.0	
Extractor for double-headed ground nail Is used to remove the ground nail from the earth together with a lever rod (not supplied).		29-800-50	..... Remover for soil nail	0.8	
Pressure gauge Not shown. Measures tractive force of anchors from 250 to 400 kN. Includes compensating plate for tie rods, with 50 mm hole diameter.		29-915-15	..... Pressure gauge 250 kN	6.4	
		29-915-00	..... Pressure gauge 400 kN	6.4	

Push-pull prop R

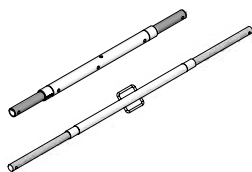
Galvanized. Guarantee tensile and compression strength. Align and brace wall formwork. Foot plates and formwork-prop-connectors to be ordered separately.



Ref.-No.	Description / Application	m²	kg
29-109-40	Push-pull prop R 160 (135-200)	12.6	
29-109-60	Push-pull prop R 250 (190-320)	17.2	
29-109-80	Push-pull prop R 460 (340-520)	34.0	
29-109-85	Push-pull prop R 630 (510-760)	57.0	

Braces SRL

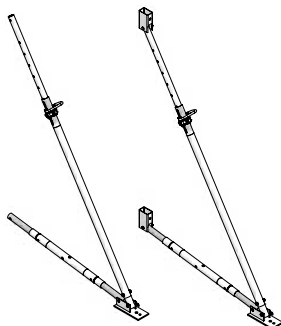
Galvanized. Guarantee tensile and compression strength. With right-hand and left-hand spindle and revolving centre part. Align and brace wall formwork. Foot plates and formwork-prop-connectors to be ordered separately.



29-108-80	Brace SRL 120 (90-150)	8.8	
29-108-90	Brace SRL 170 (120-220)	11.5	

Brace frame 250

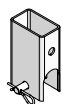
Galvanized. Aligns and braces the formwork. Available with or without formwork-prop connector. Consists of a push-pull prop R 250 (190–320cm), a brace SRL 120 (90–150cm) and a double-jointed footplate. The formwork-prop connectors are attached to the formwork with flange screws 18.



29-109-25	Brace frame 250 without connector	27.5	
29-109-20	Brace frame 250 with formwork-prop connector	31.5	

Formwork-prop connector

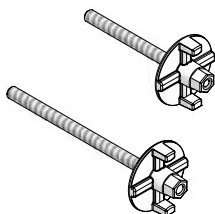
Galvanized. Connects braces, brace frames and push-pull props (max. Ø 48 mm) to the multi-function profile (with a flange screw 18). Delivery includes head bolt 16/90 and cotter pin 4.



29-804-85	Formwork-prop connector	1.7	
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Flange screw

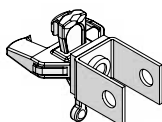
Galvanized. DW thread Ø 15 mm. Is used to attach accessories, e.g. alignment rails, brace frames, push-pull props, etc. Length of thread 18 cm or 27 cm.



29-401-10	Flange screw 18	1.1	
29-401-12	Flange screw 28	1.2	

E-assembly lock with coupling

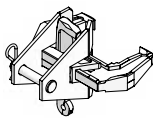
Galvanized. Is used to attach push-pull props at AluFix and EcoAs panel joints. Clamping length 4.6 cm.



29-802-70	E-Assembly lock with coupling	1.0	
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Combi-lock with coupling

Galvanized. Is used to attach the push-pull props at the panel joint of the wall form-work profile widths of 40 and 60 mm. Clamping length 8, 10 and 12 cm.



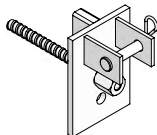
Universal joint connector 76/135

Galvanized. With head bolt 16/90 and cotter pin 4. Is used to attach push-pull props to vertical or horizontal panel joints. A Combi-lock with coupling is also required. Typical application in folding shaft formwork.



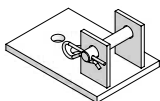
Reversible coupling for push-pull props

Galvanized. Is used to connect push-pull props or braces to vertical alignment rails. A flange nut is also required.



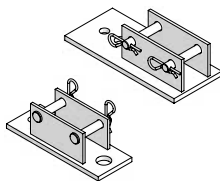
Articulated foot plate

Galvanized. With head bolt 16/90 and cotter pin 4. For push-pull props and braces of up to Ø 57 mm.



Foot plate

Galvanized. With head bolt 16/90 and cotter pin 4. Serves as foot plate for brace frames 250 and as connector for braces and push-pull props up to Ø 57 mm.



Head bolt 16/90

Galvanized. Is used to attach push-pull props or braces to foot plates and form-work-props connectors.



Cotter pin 4

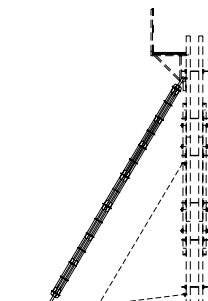
Galvanized. Locks the head bolt.



Ref.-No.	Description / Application	m ²	kg
29-804-60	Combi-lock with coupling	3.7	
29-804-81	Universal joint connector 76/135, galv.....	1.4	
29-401-74	Reversible coupling for push-pull props	2.0	
29-802-48	Articulated foot plate (RS Ø to 57 mm)	2.3	
29-402-32	Double-jointed foot plate (RS Ø to 57 mm)	4.0	
29-427-50	Foot plate 60 (RS Ø to 57 mm).....	3.0	
42-413-50	Head bolt 16/90, galv.....	0.2	
62-010-04	Cotter pin D=4	0.1	

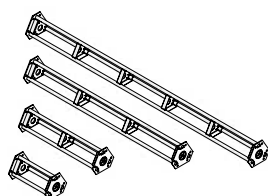
Triplex R

Galvanized. Braces and aligns wall and column formwork exceeding 6.00 m. Is delivered in modules and assembled on site to the required length. The Triplex R 300 with right-hand thread is provided with a foot plate 48. The formwork connector (formwork-prop connector or Combi-lock with coupling) must be ordered separately.



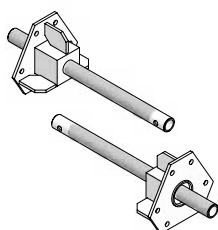
Triplex intermediate pieces R

Galvanized basic components of different lengths to build Triplex R units. Tube Ø 33.7 mm. Delivery includes the required connecting material (hexagonal screws M16x40 and locking nuts M16).



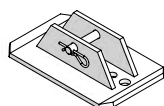
Top unit 48

Galvanized. With adjustable spindle (Ø 48.3 mm). 1 top unit 48 left and 1 top unit 48 right are required to assemble a Triplex brace. Top unit 48 right includes hexagonal screws M16x40 and locking nuts M16.



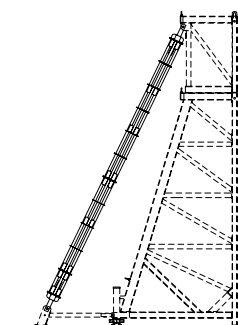
Foot plate 48

Galvanized. Particularly solid foot plate for braces up to Ø 48.3 mm such as Triplex R. Delivery includes head bolt 16/90 and cotter pin 4.



Triplex SB

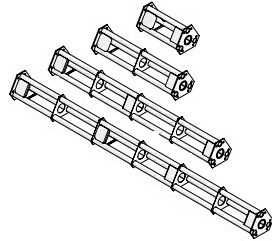
Galvanized. Triplex SB braces are primarily used for additional load transfer when forming single-sided walls of 6.00 m or higher with support frames STB 450 and extensions 150. Triplex SB braces are delivered as modules without foot plates or formwork-prop connectors and are assembled on site to the required length. The necessary connecting bolts are provided with the height and base extensions. Triplex SB 630 can be ordered pre-assembled. Each Triplex SB 780/880/980 requires one SB 300 right/left-hand thread and an intermediate piece SB 100, 200 or 300 respectively.



Ref.-No.	Description / Application	m²	kg
29-407-90	Triplex R 300 (right-hand thread) with foot plate	63.0	
29-407-93	Triplex R 300 (left-hand thread)	59.0	
29-407-50	Triplex intermediate piece R 50	11.5	
29-407-55	Triplex intermediate piece R 100	16.0	
29-407-60	Triplex intermediate piece R 200	26.0	
29-407-65	Triplex intermediate piece R 300	34.0	
63-120-49	Hexagonal bolt M16 x 40, galv., DIN 933	4.5	
63-130-00	Hexagonal locking nut M16, galv., DIN 985	1.6	
29-407-80	Top unit 48 (left-hand thread) black spindle	16.0	
29-407-85	Top unit 48 (right-hand thread) silver spindle	16.0	
29-407-75	Foot plate 48	5.5	
29-407-15	Triplex SB 300 (right-hand thread)	71.0	
29-407-17	Triplex SB 300 (left-hand thread)	71.0	

Triplex intermediate pieces SB

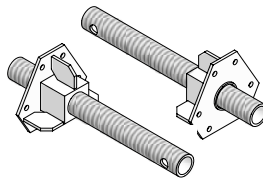
Galvanized basic components of different lengths to build Triplex SB units. Tube Ø 48.3 mm. Delivery includes the required connecting material (hexagonal screws M16x40 and locking nuts M16).



Ref.-No.	Description / Application	m ²	kg
29-407-30	Triplex intermediate piece SB 50	15.0	
29-407-35	Triplex intermediate piece SB 100	22.0	
29-407-40	Triplex intermediate piece SB 200	37.0	
29-407-45	Triplex intermediate piece SB 300	52.0	
63-120-49	Hexagonal bolt M16 x 40, galv., DIN 933	4.5	
63-130-00	Hexagonal locking nut M16, galv., DIN 985	1.6	

Top unit 73

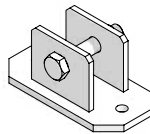
Galvanized. With adjustable spindle (Ø 73 mm). 1 top unit 73 left and 1 top unit 48 right are required to assemble a Triplex brace. Top unit 73 right includes hexagonal screws M16x40 and locking nuts M16.



29-407-25	Top unit 73 (left-hand thread) black spindle.....	19.0
29-407-20	Top unit 73 (right-hand thread) silver spindle.....	19.0

Foot plate 73

Galvanized. Particularly sturdy foot plate for Triplex SB. Delivery includes screw M30x150 and nut M30.



29-407-74	Foot plate 73	9.6
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Formwork-prop connector

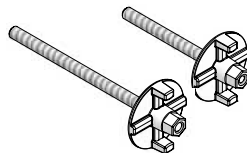
Galvanized. Is used to connect braces, 48.3 mm) to the multi-function profile with a flange screw 18. Delivery includes head bolt 16/90 and cotter pin 4.



29-804-85	Formwork-prop connector	1.7
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Flange screw

Galvanized. DW thread Ø 15 mm. Is used to attach accessories, e.g. alignment rails, brace frames, push-pull props, etc. Length of thread 18 cm or 27 cm.



29-401-10	Flange screw 18.....	1.1
29-401-12	Flange screw 28.....	1.2

Head bolt 16/90

Galvanized. Is used to attach push-pull props or braces to foot plates and formwork-prop connectors.



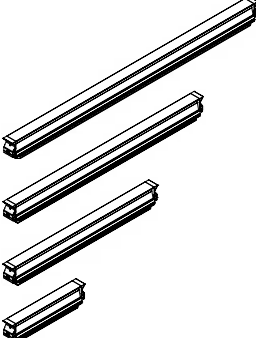

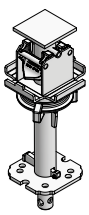
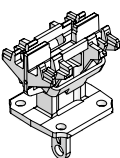
42-413-50	Head bolt 16/90, galv.....	0.2
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Cotter pin 4

Not shown. Galvanized. Locks the head bolt.

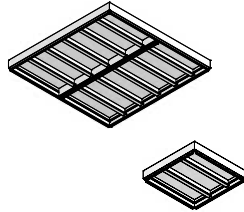


62-010-04	Cotter pin D=4	0.1
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	Ref.-No.	Description / Application	m ²	kg
MD primary beam Aluminium with high-quality annealed powder coating. Primary beams and MD drop heads are the load-bearing system of MevaDec. The grooves are punched to reduce the cleaning effort. 	22-300-98	MD-primary beam 270.....	0.27	24.0
	22-301-00	MD-primary beam 210.....	0.21	18.0
	22-301-10	MD-primary beam 160.....	0.16	14.0
	22-301-20	MD-primary beam 80.....	0.08	7.4
MD secondary beam Aluminium profile with plastic nailing strips on top and at the bottom. Can be used in 2 ways: a) If used with the primary-and-secondary-beam method, it supports the facing. b) With the drop-head-beam panel method it is used for compensation. 	22-301-50	MD-secondary beam 160.....	0.02	9.0
	22-301-60	MD-secondary beam 80.....	0.01	4.0
MD drop head Galvanized, partly with high-quality annealed powder coating. A safety latch prevents disengagement. The MD drop head permits lowering the formwork by approx. 19 cm so that it can be removed and re-used to form the next cycle (early stripping). Only props with drop heads remain in position to support the slab until the final setting of the concrete. The pluggable drop head is secured with pin 14/90 to EuMax props or with pin 14/135 to the aluminium profile of MEP props. 	29-301-45	MD-drop head (plug-in version)	0.01	8.3
MD prop head Galvanized, with high-quality annealed powder coating. Supports the MD panels and secures them automatically against unhooking. The panels can be suspended from below or placed from the top. The pluggable prop head is secured with pin 14/90 to EuMax props or with pin 14/135 to the aluminium profile of MEP props. 	29-301-85	MD-prop head (plug-in version)	2.7	

MD panel

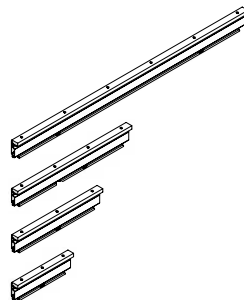
The panel frames are made up of closed 2-chamber aluminium profiles and torsion-proof. Thanks to their high-quality annealed powder coating they are easy to clean. The height is 14 cm and the frame 22 mm thick. The panels are equipped with alkus facing.



Ref.-No.	Description / Application	m ²	kg
22-300-40	MD-panel GM..... 160/160	2.56	47.8
22-300-51	MD-panel GM..... 160/80	1.28	23.4
22-300-56	MD-panel GM..... 160/60	0.96	18.8
22-300-61	MD-panel GM..... 160/40	0.64	14.0
22-300-71	MD-panel GM..... 80/80	0.64	12.3
22-300-76	MD-panel GM..... 80/60	0.48	9.9
22-300-81	MD-panel GM..... 80/40	0.32	7.4

MD compensation beam

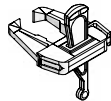
Aluminium profile with high-quality annealed powder coating. Is equipped with a nailing to support job-built filler areas. For 21 mm facing (for 27 mm facing upon request).



22-302-50	MD-compensation beam	160.....	5.0
22-302-60	MD-compensation beam	80.....	3.0
22-302-80	MD-compensation beam	60.....	1.7
22-302-70	MD-compensation beam	40.....	1.0

MD assembly lock

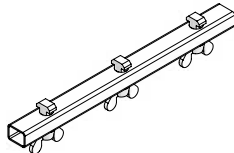
Galvanized. Tightly connects MD panels to each other and clamps MD compensation beams to MD panels. Clamping length 4.4 cm.



29-302-25	MD-assembly lock.....	1.4
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MD beam stiffener

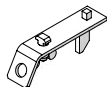
Galvanized. Is used to secure cantilevering primary beams against lifting, e.g. at slab edges.



29-301-90	MD-beam stiffener.....	1.8
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MD prop connector

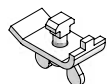
Galvanized. Permits support of primary beams where no drop head can be used, e.g. for intermediate support, at walls and with cantilevering primary beams. Is attached to the underside of the primary beam with its integrated hammerhead screw. The prop connector is provided with an eye to attach a tensioning chain to anchor the slab formwork to the ground, e.g. at slab edges.



29-302-30	MD-prop connector	2.0
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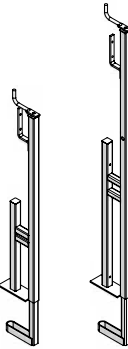
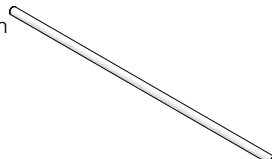

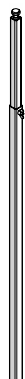
MD safety claw

Galvanized. Clamps planks to the bottom of primary beams. When using MEP props, the safety claw can be used to attach a tripod to the aluminium profile.



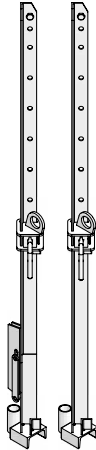
29-302-10	MD-safety claw.....	0.5
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	Ref.-No.	Description / Application	m ²	kg
MD assembly stick 340 Galvanized. Eases the assembly when applying the panel method. The panels are simply swung up and temporarily supported by the MD assembly stick. We recommend using 2 sticks for a smooth assembly sequence. The stick has an adjustment range from 1.95 to 3.40 m.	29-302-35	MD-assembly stick 340	4.1	
MD dismantling auxiliary Galvanized. Eases stripping of primary beams if these stick to the slab due to an increased concrete adhesion or inclined props.	29-302-40	MD-dismantling auxiliary	2.9	
Cleaning scraper Galvanized. With chisel. Is used to clean the groove of the MD primary beam.	29-905-90	MD-cleaning scraper	2.8	
Spare blade for cleaning scraper Spare part. Replaces the used blade of the cleaning scraper.	40-092-55	Spare blade for cleaning scraper	0.1	
MD cover profile 10 Plastic cover. Closes the gap between two MD panels when applying the drop-head-beam-panel method (FTE). Length 1.50 m.	29-302-60	MD-cover profile 10 l=1.5m	1.1	
MD support for guard-railing post / panel Galvanized. Permits attachment of a guard-railing post at the MD panels and is used to form a stop end at the edge of the slab.	29-301-60	MD-support for guard-railing post /panel	2.9	
MD support for guard-railing post / beam Galvanized. Permits attachment of a guard-railing post at primary and secondary beams and is used to form a stop end at the edge of the slab with primary and secondary beams.	29-301-70	MD-support for guard-railing post /beam	2.0	
Guard-railing post Galvanized. Is plugged into the MD support for panel or beam.	29-106-75	Guard-railing post 100, galv.	3.7	
	29-106-85	Guard-railing post 140, galv.	4.7	

		Ref.-No.	Description / Application	m ²	kg
Guard-railing post 48 Galvanized. With manifold to be plugged into the walkway bracket and with 48 mm Ø tube to attach scaffold couplers.		29-106-80	..... Guard-railing post 48/120 (UK), galv.	5.5	
		29-920-80	..... Guard-railing post 48/134.....	5.5	
Railing clamp Coated. Is used as side railing at the slab edge and can be clamped to all kinds of beams or concrete slabs. Railing clamp 100: height 100 cm, clamping length 45 cm Railing clamp 140: height 140 cm, clamping length 50 cm.		29-107-20	..... Railing clamp 100	6.6	
		29-107-25	..... Railing clamp 140	9.4	
Scaffold tube Galvanized. Is used as hand-rail / mid-rail in combination with guard-railing post 48.		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 2 scaffold tubes with Ø 48.3 mm at any angle required.		29-412-52	..... Swivel-joint coupler 48/48.....	1.2	
MD laser support Aluminium. Is attached to the groove of the primary beam and allows one person to level the slab formwork.		29-302-50	..... MD-laser support	1.9	

Transport angle 14

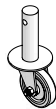
Is used to stack and transport 5 to 12 MD panels. Distance between holes is 14 cm. We recommend using 2 foldable angles and 2 angles of the rigid type per stack. Max. load capacity is 10 kN per angle. For safety reasons consider 20 kN as maximum capacity for the whole stack.



Ref.-No.	Description / Application	m ²	kg
29-305-30	..... Transport angle 14.....	17.0	
29-305-35	..... Transport angle 14, rigid type.....	12.9	

Swivel-type castor 100

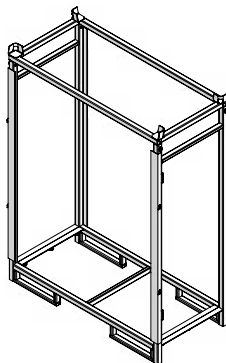
Is used to move MD panel stacks in transport angles 14 or in the MD transport rack (4 castors are required in either case). The load capacity per castor is 1 kN. The overall height of the stack including castors is 2.10 m with transport angles and 2.45 m with the MD transport rack.



29-305-95 Swivel-type castor 100.....	1.2	
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MD transport rack

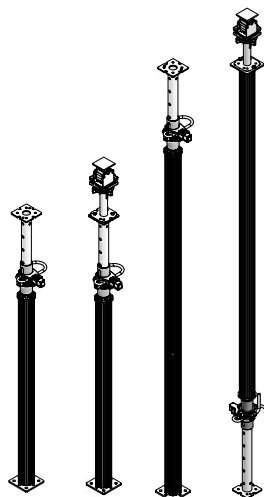
Galvanized. Is used to stack and transport up to 14 panels 160 x 80 cm. Two transport racks can be stacked (length/width/height 175 x 82 x 232 cm). For the operation and safety check see the transport rack Operating Instructions.



27-000-60 MD-transport rack	128.0	
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MEP prop with SAS

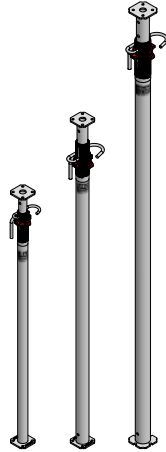
Combination of steel inner tube and aluminium outer tube with T-groove to attach reinforcing frames. The SAS quick lowering system allows the stress in the prop to be released with one strike of a hammer. After stripping the prop automatically resets and locks in the original position. According to the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



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	

EuMax 30

Galvanized. According to European Standard EN 1065, class E. Admissible load capacity 30 kN. Higher load capacities are permitted when used with MEVA formwork (see the MevaDec Technical Instruction Manual).



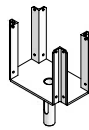
EuMax 20

Galvanized. According to the European Standard EN 1065 class D the admissible load capacity is 20 kN at any extension. Higher load capacities are permitted when used with MEVA formwork (see the MevaDec Technical Instruction Manual).

Ref.-No.	Description / Application	m ²	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).....	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).....	31.5	
29-907-62	EuMax 30/450 (252-450).....	32.4	
29-908-24	EuMax 30/450 with MD-drop head, (292-490).....	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. The forked prop head can be used as a support instead of a drop head at the beginning or end of a primary beam row. The forked prop head 20 is applied with formwork girders H20 and.



29-206-40	Forked prop head 20	3.0
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Pin

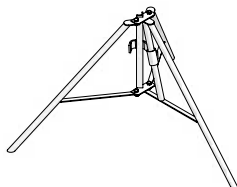
Galvanized. Is used to attach MD drop heads, MD prop heads of forked prop heads, etc. Pin 14/90 is used for steel tube props up to Ø 63 mm. Pin 14/135 is used with the aluminium profile of MEP props and MEP extension pieces.



29-909-90	Pin 14/135	0.2
29-909-94	Pin 14/90	0.1

Tripod

Galvanized auxiliary to stabilize props with Ø 48 to 80 mm. The turnable 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.



29-905-50	Tripod	12.2
29-905-52	Tripod 120	17.7

Accessories for attachment

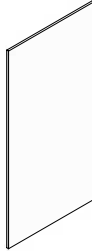
Are used to attach MD drop heads and MD prop heads to the MD/ME props.



63-120-60	Hexagonal screw M12x35, galv., DIN 933	4.3
63-130-10	Hexagonal locking nut M12, galv., DIN 985	0.1
63-120-49	Hexagonal bolt M16 x 40, galv., DIN 933	4.5
63-130-00	Hexagonal locking nut M16, galv., DIN 985	1.6
62-030-42	Washer M16, galv., DIN 125	1.0

Shuttering panel 3S

Three-layer plywood forming face, 21 mm thick, with resistant coating on both sides. Good pore structure of the concrete due to absorbent surface. Alternative: alkus all-plastic facing.

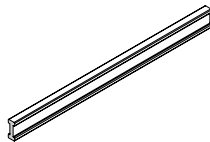


Shuttering panel 7S

Not shown. Multi-layer plywood forming face, 21 mm thick, with film-coating on both sides and edge protection.

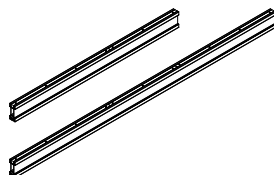
Formwork girder H20

Robust multi-purpose girder for the most different tasks. While the girder itself does not weigh much, it has a high load-bearing capacity (approved by building authorities). Admissible load: $Q = 11 \text{ kN}$, $M = 5 \text{ kNm}$.



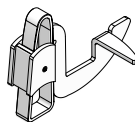
MEVA alu-beam 20/245

Robust aluminium girder with integrated plastic bar. Usable for different applications. High load capacity thanks to stable form. Load: Q (cross force) = 39.73 kN , adm. $M = 25.96 \text{ kN}$



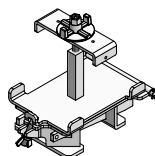
Connector Clip H20

Galvanized. Is used to connect wooden H20 girders to each other. The wedge locks the girders into place and releases them.



Folding head with wedge

Galvanized. Replaces the folding prop head SKK (29-107-50) and the wedge head (29-107-45).



Ref.-No.	Description / Application	m ²	kg
29-324-30	Shuttering panel 3S 250/50	1.25	11.8
29-324-20	Shuttering panel 3S 200/50	1.00	9.5
41-324-10	Shuttering panel 3S 150/50	0.75	8.0
41-324-00	Shuttering panel 3S 100/50	0.50	5.5
41-324-60	Shuttering panel 3S 300/100	3.00	31.0
41-324-35	Shuttering panel 3S 250/100	2.50	26.0
41-324-25	Shuttering panel 3S 200/100	2.00	21.0
41-324-40	Shuttering panel 7S 250/125	3.13	33.0

29-206-02	Formwork girder H20/245	12.3
29-206-05	Formwork girder H20/290	14.5
29-206-10	Formwork girder H20/330	16.5
29-206-20	Formwork girder H20/390	19.5
29-206-30	Formwork girder H20/450	22.5
29-206-45	Formwork girder H20/490	24.5
29-206-48	Formwork girder H20/590	29.5

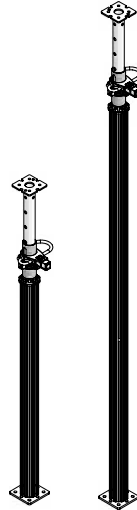
29-216-15	MEVA alu-beam 20/245	26.2
29-216-45	MEVA alu-beam 20/390	42.0

29-930-85	Connector Clip H20	0.7
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29-107-40	Folding head with wedge	17.2
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MEP prop with SAS quick-lowering system

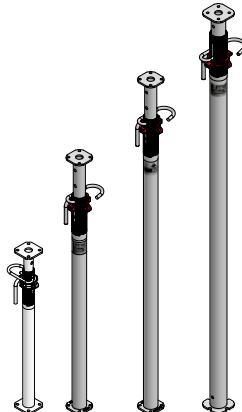
The MEP prop has a steel inner tube and an aluminium outer tube with a T-groove to attach reinforcing frames. The SAS quick-lowering system allows the stress in the prop to be released with one strike of a hammer. After stripping the prop automatically resets and locks in the original position. According to European standard EN 1065 class E, the MEP 300 props with SAS have a load capacity of 40 kN at all extensions. The MEP 450 props with SAS have a load capacity of 20 kN; if assembled with the inner tube downwards, the load capacity increases to 30 kN. When used with MEVA formwork systems, higher loads may be admitted (see the MevaDec Technical Instruction Manual).



Ref.-No.	Description / Application	m ²	kg
29-907-65	MEP-prop 300 with SAS . (185-300).....		26.7
29-907-70	MEP-prop 450 with SAS.. (300-450).....		34.3

EuMax 30

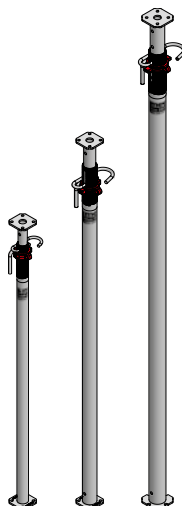
Galvanized. Complies with European standard EN 1065, class E. The admissible load is 30 kN at all extensions. When used with MEVA formwork systems, higher loads may be admitted (see the MevaDec Technical Instruction Manual).



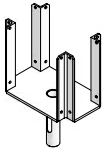
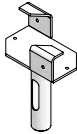
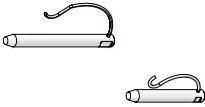
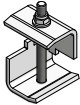
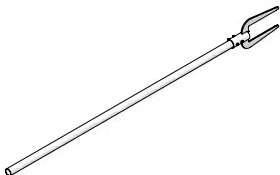
29-907-46	EuMax 30/150	(98-150).....	10.4
29-907-51	EuMax 30/250	(152-250).....	18.1
79-907-50	ME prop 250/30	(150-250).....	17.5
29-907-61	EuMax 30/350	(202-350).....	23.0
79-907-60	ME prop 350/30	(200-350).....	25.5
29-907-62	EuMax 30/450	(252-450).....	32.4

EuMax 20

Galvanized. Complies with European standard EN 1065, class D. The admissible load is 20 kN at all extensions. When used with MEVA formwork systems, higher loads may be admitted (see the MevaDec Technical Instruction Manual).

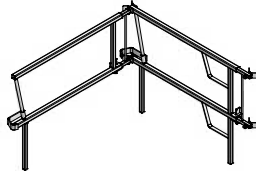


29-907-36	EuMax 20/300	(177-300).....	16.9
79-907-35	MD prop 300/20	(175-300).....	17.7
29-907-41	EuMax 20/400	(232-400).....	23.8
79-907-40	MD prop 400/20	(225-400).....	25.6
29-907-45	EuMax 20/550	(302-550).....	37.0

		Ref.-No.	Description / Application	m ²	kg
Forked prop head Galvanized. Supports wooden formwork girders. Is attached to EuMax props with pin 14/90 or to MEP props with pin 14/135. The forked prop head 20 is used with H20 formwork girders		29-206-40	Forked prop head 20		3.0
Beam clamp H20 Galvanized. Is used to position intermediate props below H20 girders. Is attached to Eumax props with pin 14/90 or to MEP props with pin 14/135.		29-907-00	Beam clamp H20		0.8
Pin Galvanized. Is used to secure forked prop heads, beam clamps etc. to props. Pin 14/90 is used for connection to steel tubes up to Ø 63 mm and pin 14/135 for connection to the aluminium outer tube of MEP props or extensions.		29-909-94	Pin 14/90		0.1
		29-909-90	Pin 14/135		0.2
Beam clamp H20/H20 Galvanized. Is used to attach planks or cross beams to H20 beams when using slab tables.		29-411-64	Beam clamp H20/H20		0.9
Beam clamp 8 Not shown. Clamps stringers to joists and is suited for wooden formwork girders H20.		29-207-40	Beam clamp 8		2.7
Forked assembly stick H20 Aluminium tube and galvanized fork. Is used to assemble and strip stringers and joists of the MevaFlex slab formwork.		29-206-90	Forked assembly stick H20		2.2

Brace frame

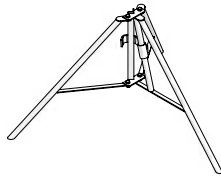
Is used as a support when erecting Eumax props. Stepless adjustment range from 1450 to 2450 mm. Height is 1000 mm.



Ref.-No.	Description / Application	m ²	kg
29-905-80	Brace frame (145-245)	40.5	

Tripod

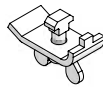
Galvanized auxiliary to stabilize props with Ø 48 to 80 mm. The tripod's revolving legs allow it to be used in the middle of a room, along walls or in corners. Is attached to the aluminium profile of MEP props with the MD safety claw.



29-905-50	Tripod	12.2	
29-905-52	Tripod 120	17.7	

MD safety claw

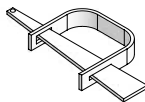
Galvanized. Is used to clamp a tripod to the aluminium profile of MEP props.



29-302-10	MD-safety claw	0.5	
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Cross-bracing clamp

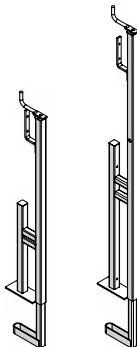
Galvanized. Is used to brace steel props with boards when the forming height exceeds 3.00 m. Usable for all prop Øs from 48 to 76 mm.



29-907-10	Cross-bracing clamp	1.0	
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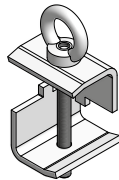
Railing clamp

Coated. Can be clamped to all types of beams and to free slab edges. Railing clamp 100: 100 cm high, clamping length 45 cm. Railing clamp 140: 140 cm high, clamping length 50 cm.

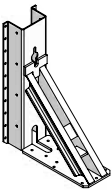
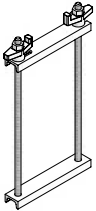
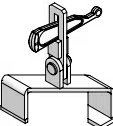
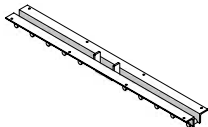
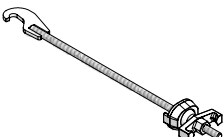


29-107-20	Railing clamp 100	6.6	
29-107-25	Railing clamp 140	9.4	

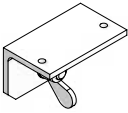
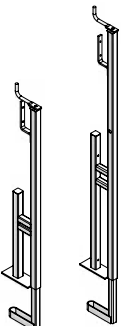
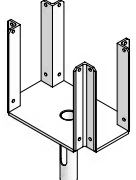
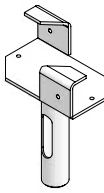
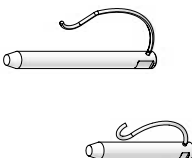
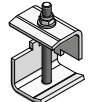
	Ref.-No.	Description / Application	m ²	kg
Tension belt with hook Not shown. For safety against wind load. 50 mm wide, reinforced loop 200 mm, cranked snap hook with safety flap, DIN EN 12195. Adm. load: 25 kN (straight), 50 kN (strapped). Is attached to climbing bracket KLK or bracket extension and with safety eye to concrete wall. This can be done at the cone from the previous pour.	29-930-10	..... Tension belt with hook and loop	3.8	
	29-930-15	..... Tension belt with hook on both ends	3.9	
Tension belt clamp H20 Galvanized. Is attached to two wooden girders H20. With eyes to attach the tension belt.				
	29-930-90	..... Tension belt clamp H20	1.0	
Tensioning chain 8/2500 Not shown. Is used to secure the slab formwork, e.g. at slab edges and on cantilevering beams. Two tensioning chains and one coupling units are required. Ø 8mm, length 2.50 m, load capacity 5 kN. Attention: the tensioning chains must not be used as lifting devices.				
	29-412-12	..... Tensioning chain 8/2500 (5 kN)	2.9	
Coupling unit M16 Not shown. Galvanized. Is used with tensioning chain 8/2500. One side with hook, one side with safety eye.				
	29-412-13	..... Coupling unit M16	0.9	



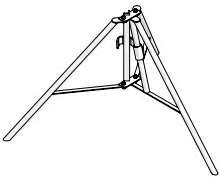
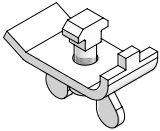
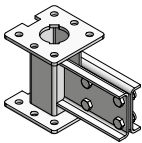
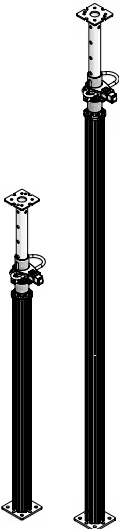
Formwork for Concrete Beams

	Ref.-No.	Description / Application	m ²	kg
Formwork for concrete beams System-independent application. Either squared timber, wooden girders and plywood or panels from the wall formwork systems can be used as superstructure. For precast or integrated concrete beams up to 75 cm. Possible applications: Trestle 40/30 nailed to H20-girders, Trestle 40/30 with wedge clamp H20 or beam clamp 24 and height extension, Trestle 40/30 with tensioning device, retaining rail and height extension.				
Trestle for beams 40/30 Galvanized. Is used as formwork for concrete beams or for stop ends at slab edges.		29-500-10 Trestle for beams 40/30.....	5.1	
Beam clamp 20 Galvanized. Is used to attach the trestle for beams 40/30 to the joist. Suitable for formwork girders up to 24 cm high.		79-500-30 Beam clamp 20.....	1.1	
Wedge clamp H20 Galvanized. Is used to attach the trestle for beams 40/30 at the top chord of the cross beam H20.		29-500-45 Wedge clamp H20	1.9	
Retaining rail Galvanized. Secures the trestle for beams 40/30. Is attached together with the tensioning device beneath the cross beam (2 x H20).		29-500-20 Retaining rail.....	6.5	
Tensioning device Galvanized. Optimize the distance between trestles and tightly connects the trestle for beams 40/30 and the retaining rail.		29-500-35 Tensioning device.....	2.2	

Formwork for Concrete Beams

		Ref.-No.	Description / Application	m ²	kg
Beam support Galvanized. Is attached to the height extension with the integrated hammer-head screw and supports a wooden H20 girder or squared timber.		29-500-25	Beam support	0.6	
Railing clamp Coated. Can be clamped to all kind of beams or free slab edges. Railing clamp 100 with height 100 cm and clamping length 45 cm. Railing clamp 140 with height 140 cm and clamping length 50 cm.		29-107-20	Railing clamp 100	6.6	
		29-107-25	Railing clamp 140	9.4	
Forked prop head Galvanized. Supports wooden formwork girders. Is attached to EuMax props with pin 14/90 or to MEP props with pin 14/135. The forked prop head 20 is used with H20 formwork girders		29-206-40	Forked prop head 20	3.0	
Beam clamp H20 Galvanized. Is used to position intermediate props below H20 girders. Is attached to Eumax props with pin 14/90 or to MEP props with pin 14/135.		29-907-00	Beam clamp H20	0.8	
Pin Galvanized. Secures MDdrop heads, MD prop heads, forked prop heads etc. to props. The pin 14/90 is used if for steel tubes up to Ø 63 mm and pin 14/135 for the outer tube of MEP props or extensions.		29-909-94	Pin 14/90	0.1	
		29-909-90	Pin 14/135	0.2	
Beam clamp H20/H20 Galvanized. Is used to attach planks or cross beams to H20 beams when using slab tables.		29-411-64	Beam clamp H20/H20	0.9	

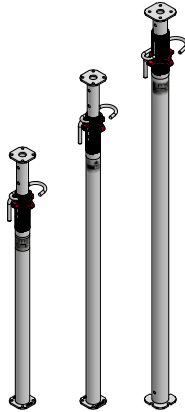
Formwork for Concrete Beams

	Ref.-No.	Description / Application	m ²	kg
Beam clamp 8 Not shown. Is used to clamp stringers to joists and suited for wooden girders H20.	29-207-40	Beam clamp 8		2.7
Tripod Galvanized. Auxiliary that is used to place and install props of Ø 48–80 mm. The revolving legs of the tripod allow using it right in the middle of a room as well as along the wall or in a corner. Is attached to the aluminium profile of MEP props with a MD safety claw.	29-905-50	Tripod		12.2
	29-905-52	Tripod 120		17.7
 MD safety claw Galvanized. Clamps a tripod to the aluminium outer tube of a MEP prop.	29-302-10	MD-safety claw		0.5
 Screw jack mount SB Galvanized. Is screwed onto MEVA props. A spindle for adjustment can be integrated into the spindle holder.	29-500-60	Screw jack mount SB		8.4
 MEP prop with SAS The MEP prop is a combination of steel inner tube and 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. According to the European Standard EN 1065 (class E) the props have a load capacity of: MEP 300 with SAS: 40 kN independent from the assembly position. MEP 450 with SAS: 20 kN independent from the assembly position; if assembled with the inner tube downwards the load capacity increases to 30 kN. Depending on their application the load capacity varies (refer to Technical Instruction Manual for MevaDec).	29-907-65	MEP-prop 300 with SAS . (185-300)		26.7
	29-907-70	MEP-prop 450 with SAS.. (300-450)		34.3
				

Formwork for Concrete Beams

EuMax 30

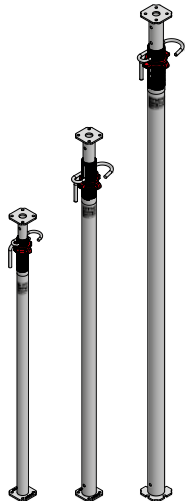
Galvanized. Complies with European standard EN 1065, class E. The admissible load is 30 kN at all extensions. When used with MEVA formwork systems, higher loads may be admitted (see the MevaDec Technical Instruction Manual).



Ref.-No.	Description / Application	m ²	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	
29-907-61	EuMax 30/350 (202-350).....	23.0	
79-907-60	ME prop 350/30 (200-350).....	25.5	
29-907-62	EuMax 30/450 (252-450).....	32.4	

EuMax 20

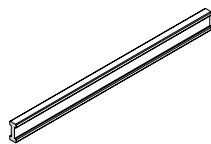
Galvanized. Complies with European standard EN 1065, class D. The adm. load capacity is 20 kN at all extensions. When used with MEVA formwork system, higher load capacities are admitted (see Technical Instruction Manual for MevaDec).



29-907-36	EuMax 20/300 (177-300).....	16.9	
79-907-35	MD prop 300/20 (175-300).....	17.7	
29-907-41	EuMax 20/400 (232-400).....	23.8	
79-907-40	MD prop 400/20 (225-400).....	25.6	
29-907-45	EuMax 20/550 (302-550).....	37.0	

Formwork girder H20

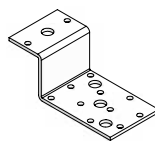
Robust all-purpose girder for different tasks. High load-bearing capacity with only low weight. Approved by building authorities. Admissible load: Q = 11 kN, M = 5 kNm.



29-206-02	Formwork girder H20/245.....	12.3	
29-206-05	Formwork girder H20/290.....	14.5	
29-206-10	Formwork girder H20/330.....	16.5	
29-206-20	Formwork girder H20/390.....	19.5	
29-206-30	Formwork girder H20/450.....	22.5	
29-206-45	Formwork girder H20/490.....	24.5	
29-206-48	Formwork girder H20/590.....	29.5	

Z-connector 40

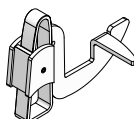
Galvanized. Connects H20 stringers to H20 joists (flange height 40 mm). We recommend using double-headed nails for attachment.



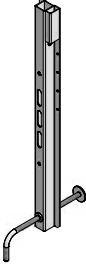
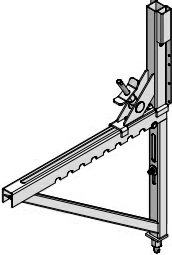

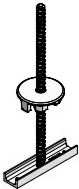
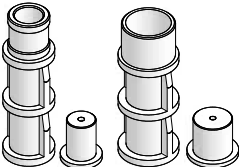


29-207-30	Z-connector 40	0.2	
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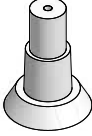
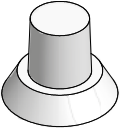
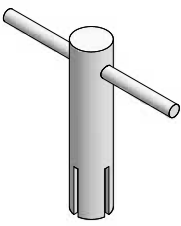

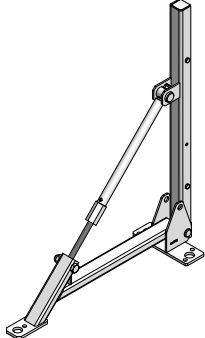
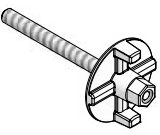
Connector Clip H20


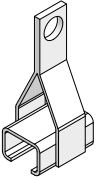
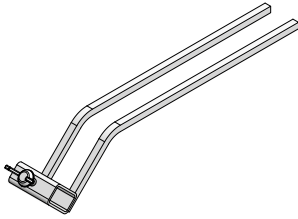
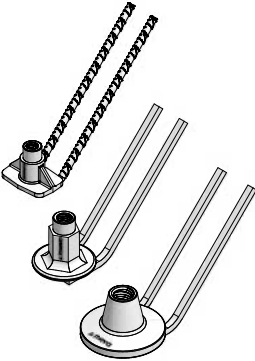
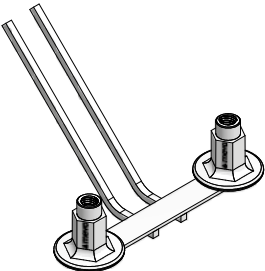
Galvanized. Is used to connect wooden H20 girders to each other. The wedge locks the girders into place and releases them.



29-930-85	Connector Clip H20	0.7	
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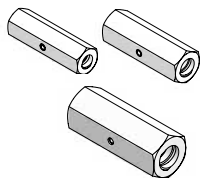
	Ref.-No.	Description / Application	m ²	kg
Stop-end rail MFS Steel, galvanized. Is used to form slab ends for slabs up to 60 cm thick.	29-921-50	Stop-end rail MFS	7.2	
				
Stop-end bracket MFS Steel, galvanized. Is used for cantilevering slabs up to 50 cm and slabs up to 40 cm thick. Delivery includes formwork support and support for MEVA guard-railing post.	29-921-40	Stop end bracket MFS	14.5	
				
Guard-railing post 48 Galvanized. Provides lateral protection together with the MFS safety mesh. Can be plugged into all walkway brackets, the MFS stop-end rail, the MFS stop-end bracket and shoe MFS. When used together with scaffold tubes for lateral protection, scaffold couplers must be ordered separately.	29-920-80	Guard-railing post 48/134	5.5	
				
Stop-end spindle MFS Steel, galvanized. DW 15. Is used as an anchor to adjust the stop-end rail and formwork.	29-921-55	Stop end spindle MFS DW 15	1.9	
				
Anchor sleeve High-density plastic. With nail holder 18. Is pressed onto the nail holder that is nailed to the formwork. Extraction force 40 kN, admissible load 6.5 kN (DW 15). Required minimum concrete strength: 15 N/mm.	29-917-90	Anchor sleeve DW 15	0.5	
	29-917-95	Anchor sleeve DW 20	7.5	
Plug Plastic. Closes and seals stop-end sleeves and plastic tubes.	29-922-10	Plug 18	0.6	
	29-922-15	Plug 22	0.7	
	29-922-20	Plug 26	0.8	

		Ref.-No.	Description / Application	m ²	kg
Nailable connector for fair-faced concrete Plastic, red. For fair-faced concrete plugs DW 15. Is used to attach anchor sleeves DW 15 to the facing.		29-921-80	Nailable connector for fair-faced concrete DW 15	2.0	
Fair-faced concrete plug Made of concrete. Seals the nailable connector for fair-faced concrete. Is glued with concrete glue A+B.		29-921-85	Fair-faced concrete plug DW 15	5.0	
Wrench MFS Steel, galvanized. Eases unscrewing the nailable connector for fair-faced concrete.		29-921-45	Wrench MFS	1.0	
Concrete glue A+B Not shown. 2-component concrete glue for fair-faced concrete plugs. Quantity is sufficient for 150 plugs.		53-210-70	Concrete glue (A + B)	1.0	
Door spindle MFS Steel, galvanized, DW 20. Adjustment range 700-1100 mm or 550-900 mm. Is used to brace door and window blockouts. With nail holes. Torsion-proof and compression-proof. Integrated fail-safe device.		29-921-65	Door spindle MFS 700-1100 mm	4.6	
		29-921-63	Door spindle MFS 550-900 mm	4.0	
Brace bracket 80 Galvanized. Can be used for floor slabs and slab ends up to 80 cm high. Can be inclined by up to +/- 15°. With plastic nail bar. Can be folded for transport.		29-921-35	Brace bracket 80	11.5	
Flange screw 12 Galvanized. DW thread Ø 15 mm. Is used to attach accessories, e.g. alignment rails, brace frames, push-pull props, etc. Length of thread 12 cm.		29-900-70	Flange screw 12	1.0	

		Ref.-No.	Description / Application	m ²	kg
Double-headed ground nail 25/480 Is used to attach brace bracket 80. Double-headed. Is removed from the earth with the extractor. (to be ordered separately).		29-800-45	..... Double-headed ground nail 25/480	2.0	
Remover for soil nail Is used to remove the ground nail from the earth together with a lever rod (not supplied).		29-800-50	..... Remover for soil nail	0.8	
Anchor support DW 15 - DW 26.5 Steel, uncoated. Bottom bent by 45°. Supports DW 15, DW 20 and DW 26.5 tie rods. The tie rods are re-usable if PVC sleeves are used. The anchor support is always attached with the integrated adjusting screw.		29-925-80	..... Anchor support DW 15 - DW 26	1.0	
Single anchor DW Steel, uncoated. Admissible load: DW 15 = 90 kN, DW 20 = 160 kN, DW 26 = 250 kN. Is used for 45° anchoring in the bottom slab when using support frames. Attachment at bottom rebar.		29-925-40	..... Single anchor DW 15	0.8	
		29-925-45	..... Single anchor DW 20	1.3	
		29-925-50	..... Single anchor DW 26	2.4	
Double anchor DW Steel, uncoated. Admissible load: DW 15 = 180 kN, DW 20 = 320 kN. Is used for 45° anchoring in the bottom slab when using support frames. Attachment at bottom rebar.		29-925-60	..... Double anchor DW 15	1.8	
		29-925-65	..... Double anchor DW 20	2.7	
Pressure gauge Not shown. Measures tractive force of anchors from 250 to 400 kN. Includes compensating plate for tie rods, with 50 mm hole diameter.		29-915-15	..... Pressure gauge 250 kN	6.4	
		29-915-00	..... Pressure gauge 400 kN	6.4	

Coupling nut

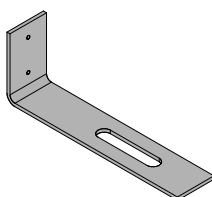
With DW thread. DIN 18216. Connects tie rods to the anchor loops when length extension is necessary. Adm. load capacity and SW depend on nut diameter: Ø 15 mm (90 kN, SW 30), Ø 20 mm (160 kN, SW 36), Ø 26.5 mm (250 kN, SW 46).



Ref.-No.	Description / Application	m ²	kg
29-900-55	..... Coupling nut 15 (SW 30)	0.4	
29-900-50	..... Coupling nut 20	0.7	
29-900-56	..... Coupling nut 26,5	1.4	

Upstand bracket

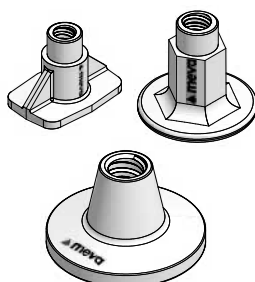
Adjustment range 100 mm. Is used to brace upstand formwork.



29-925-10 Upstand bracket	0.8	
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Fix anchor

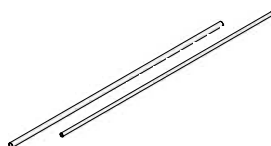
Uncoated. Is used to anchor tie rods in the concrete with anchor supports.



29-926-60	..... Fix anchor DW 15	0.5	
29-926-65	..... Fix anchor DW 20	0.9	
29-926-70	..... Fix anchor DW 26	1.9	

Plastic tube

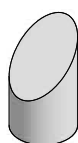
Is used as a plastic sleeve for a tie rod that is to be recovered and re-used. 2 m long.




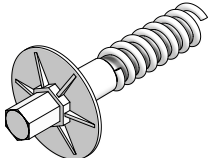
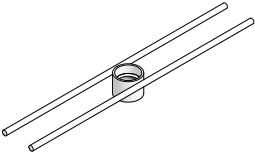

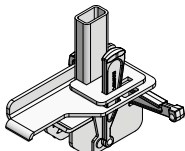
29-902-30	..... Plastic tube D22/200	0.4	
29-902-28	..... Plastic tube D30/200	0.4	
29-902-29	..... Plastic tube D26/200 for fix anchor DW 15	0.4	
29-902-27	..... Plastic tube D32/200 for fix anchor DW 20	3.8	

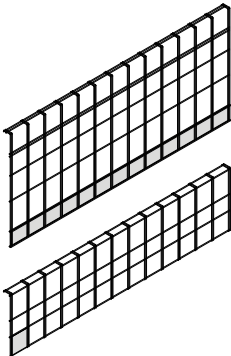
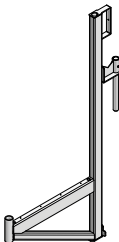
Planing cap DW

Hard foam, 10 cm long, 45° end piece. For DW 15 and DW 20. Is plugged onto the DW tie rod or on a plastic sleeve for one-sided anchoring of support frames STB. Hole depth 5 cm.



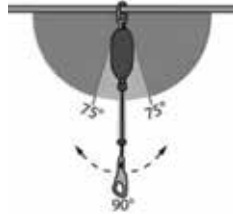
29-917-75 Planing cap DW 15	1.0	
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		Ref.-No.	Description / Application	m ²	kg
Spiral anchor DW 15/100 Steel spiral bead, 10 cm long, with styropore core. Is used to attach formwork equipment with tie rods DW 15, e.g. when adjusting the equipment when using push-pull props or the like. Remove the styropore with a 14 mm drill.		29-921-10	Spiral anchor DW 15/100	6.1	
Adjustable spanner Not shown. For DW 15, DW 20 and DW 26.5. Is used to loosen and unscrew recoverable tie rods.		29-926-95	Adjustable spanner	1.6	
Quick anchor Including anchor plate and spiral spring. Is pressed into the fresh concrete. The thickness of the upper concrete layer is set by adjusting the anchor plate. Secured in the rebar with the quick anchor holder. Extraction force at 24 N/mm ² ; concrete strength 49.9 kN.		29-922-70	Quick anchor	0.3	
Quick-anchor holder To secure the spiral anchor or the quick anchor in the rebar.		29-922-75	Quick-anchor fixture	9.0	
Spiral spring Spare part, remains in concrete.		29-922-72	Spiral spring	9.5	
Tilting bracket 23 Galvanised. Used to attach MEVA guard-railing posts to create a fall protection system. It can be set up vertically to facilitate the installation of safety meshes or railing boards or inclined by 15° to create a larger working area. Secured with a wedge to the frame profile of 23 mm.		29-920-84	Tilting bracket 23	4.8	

	Ref.-No.	Description / Application	m ²	kg
Tilting bracket 40/60 Galvanised. Used to attach MEVA guardrailing posts to create a fall protection system. It can be set up vertically to facilitate the installation of safety meshes or railing boards or inclined by 15° to create a larger working area. Secured with a wedge to the frame profile of 40 and 60 mm.	29-920-82	Tilting bracket 40/60	4.9	
Safety mesh ... /2490 Painted steel. Robust steel mesh with reinforced edges and closed steel sheet to prevent small items from falling down. The mesh replaces railings, toe board and net in one single part. DIN EN 13374 Class A.				
	29-920-00	Safety mesh 1100/2490	15.0	
	29-920-05	Safety mesh 600/2490	9.8	
Universal shoe MFS Galvanised; forms a fall protection device in conjunction with the MEVA guardrailing post and the safety mesh MFS. Can be used to provide lateral protection on horizontal and vertical components.	29-921-72	Universal shoe MFS	2.1	
Twin wall walkway bracket Not shown. Galvanized. Is suspended over the inside or outside twin wall and used for a temporary pouring platform that prevents workers from falling down. Bracket level: approx. 60 cm below the top edge of the twin wall. Max. load: 150 kg per bracket.				
	29-111-10	Twin wall walkway bracket	12.5	
Railing post, twin wall walkway bracket Not shown. Galvanized. Is plugged into the twin wall walkway bracket.	29-111-20	Railing post, twin wall walkway bracket	5.0	

Fall protection device

The fall protection device is the connection to the person's fall arrest lanyard. It is 12 m long and attached to the horizontal safety line. With snap hook and protective hose according to European standard EN 355.



Ref.-No.	Description / Application	m ²	kg
29-923-25	Fall protection device		10.0

Horizontal safety line, 16 m

The horizontal safety line is attached to the concrete fixture on both ends and tensioned with the integrated wratchet. Includes shock absorber, 2 twist locks, wratchet and protection hose.



29-923-20	Horizontal safety line, 16 m		4.5
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Concrete fixture with ring bolt

Octagonal concrete fixture, 100 x 100 x 30 cm. With a centered M16 ring bolt and 4 nail strips at the edges.



29-923-05	Concrete fixture with ring bolt		760.0
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Harness

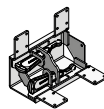
Made of polyester. Ergonomic. With a front and a rear attachment point for fall arrest at pectoral and shoulder level. Safe quick-lock fastening. Comfortable and breathable shoulder padding.



29-923-10	Harness.....		1.2
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Box Out Corner WT

Painted steel. They are bolted in the corners of the shuttering panels to be boxed out. The captive wedges allow the box-out corners to be opened and closed.



29-924-62	Box Out Corner WT 20-18 mm plate.....		3.9
29-924-56	Box Out Corner WT 20-21 mm plate.....		4.3
29-924-50	Box Out Corner WT 20-27 mm plate.....		4.1
29-924-57	Box Out Corner WT 24-21 mm plate.....		4.7
29-924-64	Box Out Corner WT 25-18 mm plate.....		3.0
29-924-58	Box Out Corner WT 25-21 mm plate.....		4.3
29-924-52	Box Out Corner WT 25-27 mm plate.....		4.5
29-924-66	Box Out Corner WT 30-18 mm plate.....		3.6
29-924-60	Box Out Corner WT 30-21 mm plate.....		4.3
29-924-54	Box Out Corner WT 30-27 mm plate.....		5.2

MEP props with SAS quick-lowering system

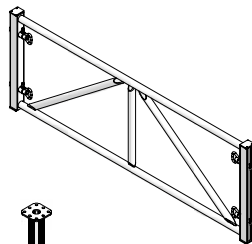
Prop according to standard EN 1065 class E. Steel inner tube and aluminium outer tube with T-groove to attach reinforcing MEP frames. The SAS quick-lowering system allows the stress in the prop to be released with one strike of a hammer. After stripping the SAS automatically resets and locks in the original position. Load capacity according to EN 1065 when used as a single shore: MEP 300 with SAS – 40 kN with any adjustment range. MEP 450 with SAS: 20 kN when used as a single prop or 30 kN when assembled with the inner tube downwards. When used together with MEVA systems, higher loads are permitted (see the MevaDec Technical Instruction Manual).



Ref.-No.	Description / Application	m ²	kg
29-907-70	MEP-prop 450 with SAS..(300-450)	34.3	
29-907-65	MEP-prop 300 with SAS .(185-300)	26.7	

MEP frames

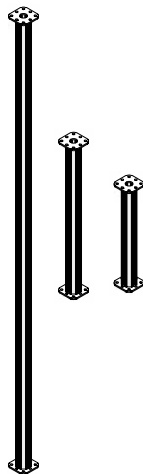
Aluminium. Reinforcing frame that is required when building towers with MEP props. The frames are attached to the aluminium outer tube of the MEP props or extension pieces using the integrated quick connector.



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

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.



29-907-95	Extension piece 360 MEP	20.2
29-907-90	Extension piece 120 MEP	7.5
29-907-85	Extension piece 80 MEP	5.3

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.



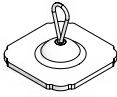
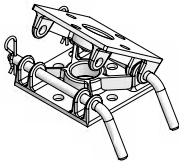
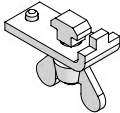
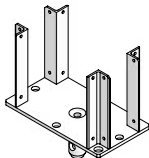
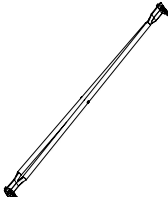
29-909-85	Plug connector MEP	1.8
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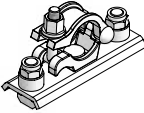
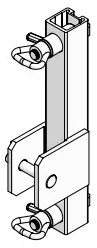
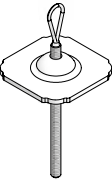
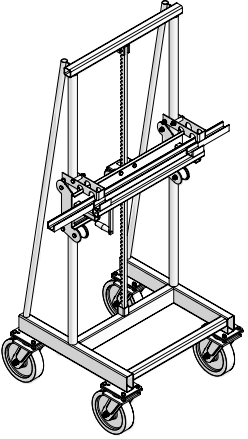
Spindle MEP

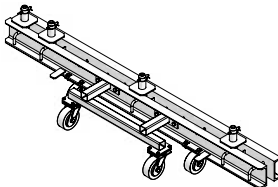
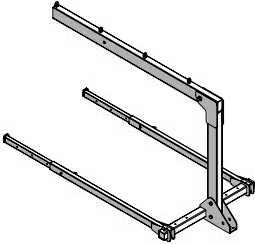

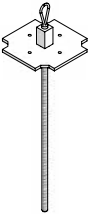
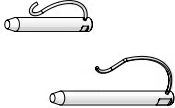
Galvanized steel spindle. Coarse adjustment with the G-hook, precise adjustment with the robust adjusting nut on the outside thread. The spindle can be bolted to the outer tubes of all MEP props and extension pieces by using four M16x40 screws and 4 nuts (screws must be ordered separately). The adjustment 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.

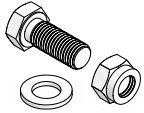
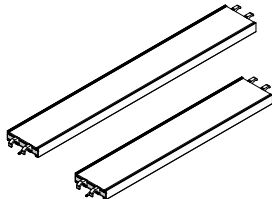
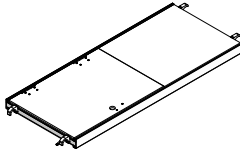
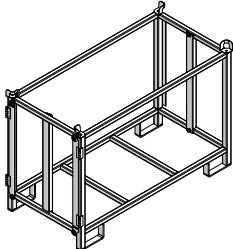
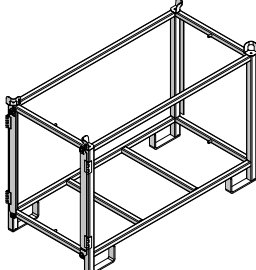


29-909-70	Spindle MEP	8.0
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		Ref.-No.	Description / Application	m ²	kg
Calotte support MEP Galvanized. Is used as foot plate for MEP props and extension pieces on sloped surface for perpendicular load transfer. Max. inclination on all sides is 5° or 9 %.		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.		29-910-10	Folding part MEP	5.8	
Beam clamp MEP Is used to attach the MD beam to the prop or prop extension.		29-909-80	Beam clamp MEP	0.5	
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.		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.		29-909-60	Diagonal cross-brace 170/90 MEP	9.3	
		29-909-55	Diagonal cross-brace 300/180 MEP	15.3	

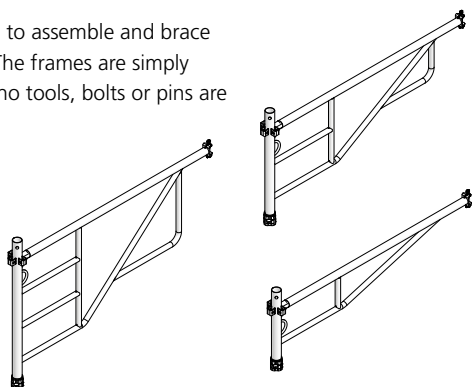
		Ref.-No.	Description / Application	m ²	kg
Tube coupler DK 48 MEP Galvanized. Is used to attach scaffold tubes Ø 48 mm to the aluminium outer tubes of MEP props or extension pieces.		29-909-65	..... Tube coupler DK 48 MEP.....	1.7	
MEP connector for push-pull props Galvanized. Is used to attach push-pull props to the aluminium outer tube of the MEP props or extension pieces.		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.		29-910-62	..... Prop connector	1.7	
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. When using the lift trucks and for safety inspection observe the lift truck Operating Instructions.		29-909-50	..... Lift truck MEP	130.0	

	Ref.-No.	Description / Application	m ²	kg
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. Please observe the transport waler Operating Instructions.				
	29-910-80	..... Transport waler MEP		150.0
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. When using the transport spreader, observe its Operating Instructions.				
	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.				
	29-900-20	..... Flange nut 100 (SW 27, forged)		0.7
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.				
	29-910-05	..... Crane hanger MEP (load capacity: 10 kN)		3.5
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.				
	29-909-90	..... Pin 14/135		0.2
	29-909-94	..... Pin 14/90		0.1

	Ref.-No.	Description / Application	m ²	kg
Connectors Is used to attach MD drop heads or MEP spindles to the MEP props or extension pieces. 	63-120-49	Hexagonal bolt M16 x 40, galv., DIN 933	4.5	
	63-130-00	Hexagonal locking nut M16, galv., DIN 985	1.6	
	62-030-42	Washer M16, galv., DIN 125	1.0	
Scaffold platform Aluminium frame with integrated wooden planking, selfsecuring, for vertical or horizontal assembly. Usable for MT 60 and MEP shoring systems to assemble working platforms. The maximum load is 200 kg/m ² . 	29-131-15	Scaffold platform 220/30 MT	10.2	
	29-131-40	Scaffold platform 170/30 MT	8.2	
Scaffold platform 170/68 w/ access hatch Aluminium frame with integrated wooden planking and access hatch, selfsecuring, for vertical or horizontal assembly. Usable for MT 60 and MEP shoring systems to assemble working platforms. The maximum load is 200 kg/m ² . 	29-131-30	Scaffold platform 170/68 w/ access hatch MT	14.4	
Transport rack .../30 MT Galvanized. For horizontal storage and transport of 20 scaffold platforms 220/30 MT or 170/30 MT. 	29-132-15	Transport rack 220/30 MT	87.3	
	29-132-30	Transport rack 170/30 MT	80.5	
Transport rack 170/68 MT Galvanized. For horizontal storage and transport of 10 scaffolding platforms. 	29-132-20	Transport rack 170/68 MT	73.9	

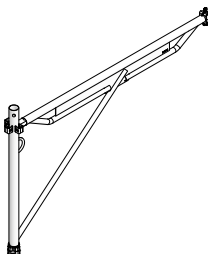
Basic frame MT

Galvanized. Is used to assemble and brace the MT 60 tower. The frames are simply plugged together, no tools, bolts or pins are required.



Access frame 100 MT

Galvanized. Is used to assemble and brace the MT 60 tower. The access frame is required in the tower's bottom level to allow for an access to the tower. The frames are simply plugged together, no tools, bolts or pins are required. Frame height: 100 cm.



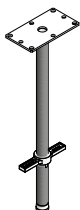
Base spindle MT

Galvanized. The basic frames are screwed in the base spindles. Max. adjustment range: 38.5 cm. With lock mechanism against tilting during crane lift.



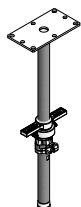
Head spindle MT

Galvanized. Is plugged into the base frame MT. Adjustment range: 60 cm. A forked prop head or an adaptor for the MD drop head can be attached.



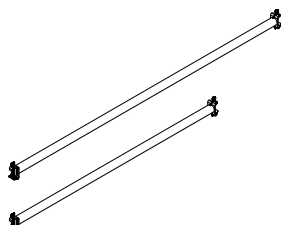
High-tensile head spindle MT

Galvanized; is inserted and secured in the MT frame. Adjustment range 57.5 cm. Forked prop head MEP or MD drop head is screwed on to it.


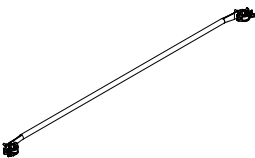
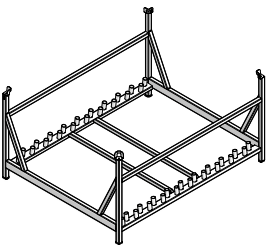
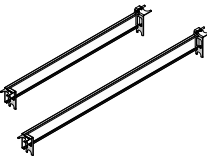
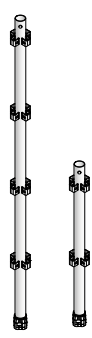
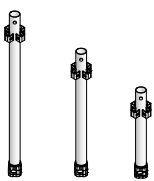


Ledger MT

Galvanized. Connects the MT 60 towers. The integrated wedges are used to connect both ends to base frames MT.



Ref.-No.	Description / Application	m ²	kg
29-120-10	Basic frame 100 MT	15.6	
29-120-15	Basic frame 75 MT	13.0	
29-120-20	Basic frame 50 MT	10.2	
29-121-10	Access frame 100 MT	15.0	
29-129-50	Base spindle MT	10.4	
29-129-55	Head spindle MT	9.7	
29-129-58	High-tensile head spindle MT	11.4	
29-122-15	Ledger 220 MT	7.2	
29-122-10	Ledger 170 MT	5.7	

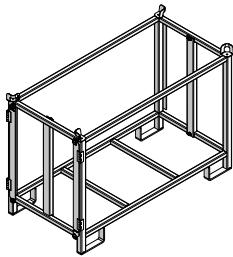
		Ref.-No.	Description / Application	m ²	kg
Ledger 38 MT Galvanized. Is attached to the connector of the basic frame and only required when using standard posts MF for high load transfer.		29-122-20	Ledger 38 MT	1.5	
Horizontal brace MT Galvanized. Is used to assemble level 0.		29-127-10	Horizontal brace MT	8.0	
Transport rack MT R Galvanized. Is used for vertical storage and transport of 40 frames MT with identical height (100 cm or 75 cm or 50 cm).		29-132-50	Transport rack MT R100-40	142.7	
		29-132-55	Transport rack MT R75-40	138.1	
		29-132-60	Transport rack MT R50-40	124.0	
Toe board MT Galvanized. Is attached to the frames MT with integrated spring. Cannot be lost.		29-126-15	Toe board 170 MT	9.3	
		29-126-10	Toe board 220 MT	11.7	
Guardrail post MT Galvanized. Is used together with ledger MT for falldown protection on the top platform.		29-124-10	Guardrail post 200 MT	10.3	
		29-124-15	Guardrail post 100 MT	5.2	
Standard post MT Galvanized. Is plugged into ledger MT 38 and only required to transfer high loads. The height of the standard post MT must match the height of the basic frame MT.		29-123-10	Standard post 100 MT	4.6	
		29-123-15	Standard post 75 MT	3.7	
		29-123-20	Standard post 50 MT	2.8	

	Ref.-No.	Description / Application	m ²	kg
Diagonal brace MT Galvanized. With integrated wedges on both ends. Is required to connect and brace the MT 60 tower units when assembling towers side by side.	29-125-10	Diagonal brace 220/200 MT.....	7.7	
	29-125-15	Diagonal brace 220/100 MT.....	6.3	
	29-125-20	Diagonal brace 170/200 MT.....	6.9	
	29-125-25	Diagonal brace 170/100 MT.....	5.3	
MEVA alu-beam 20/245 Robust aluminium girder with integrated plastic bar. Usable for different applications. High load capacity thanks to stable form. Load: Q (cross force) = 39.73 kN, adm. M = 25.96 kN	29-216-15	MEVA alu-beam 20/245.....	26.2	
	29-216-45	MEVA alu-beam 20/390.....	42.0	
Scaffold platform Aluminium frame with integrated wooden planking, selfsecuring, for vertical or horizontal assembly. Usable for MT 60 and MEP shoring systems to assemble working platforms. The maximum load is 200 kg/m ² .	29-131-15	Scaffold platform 220/30 MT	10.2	
	29-131-40	Scaffold platform 170/30 MT	8.2	
Scaffold platform 170/68 w/ access hatch Aluminium frame with integrated wooden planking and access hatch, selfsecuring, for vertical or horizontal assembly. Usable for MT 60 and MEP shoring systems to assemble working platforms. The maximum load is 200 kg/m ² .	29-131-30	Scaffold platform 170/68 w/ access hatch MT	14.4	

Shoring System

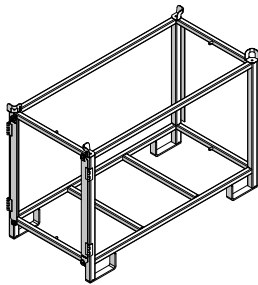
Transport rack .../30 MT

Galvanized. For horizontal storage and transport of 20 scaffold platforms 220/30 MT or 170/30 MT.



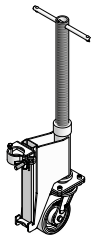
Transport rack 170/68 MT

Galvanized. For horizontal storage and transport of 10 scaffolding platforms.



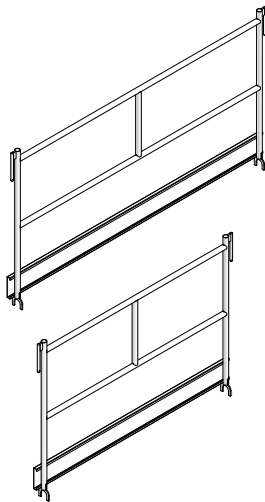
Transport wheel MT

Galvanized. Is used to wheel the entire, i.e. fully assembled MT 60 tower to another position. Always use 4 transport wheels MT for transport.



Platform railing MT

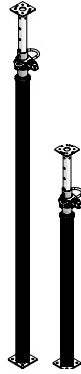
Galvanized. Is required and used for lateral protection when installing walking or working platforms between two towers. Is suspended with both ends to frames MT.



Ref.-No.	Description / Application	m ²	kg
29-132-15	Transport rack 220/30 MT	87.3	
29-132-30	Transport rack 170/30 MT	80.5	
29-132-20	Transport rack 170/68 MT	73.9	
29-129-60	Transport wheel MT	19.8	
29-128-10	Platform railing 220 MT	14.8	
29-128-15	Platform railing 170 MT	12.2	

MEP prop with SAS

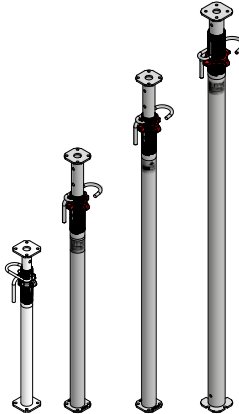
Combination of steel inner tube and aluminium outer tube with T-groove to attach reinforcing frames. The SAS quick lowering system allows the stress in the prop to be released with one strike of a hammer. After stripping the prop automatically resets and locks in the original position. According to the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



Ref.-No.	Description / Application	m ²	kg
29-907-65	MEP-prop 300 with SAS . (185-300).....	25.4	
29-907-70	MEP-prop 450 with SAS.. (300-450).....	34.5	

Eumax 30

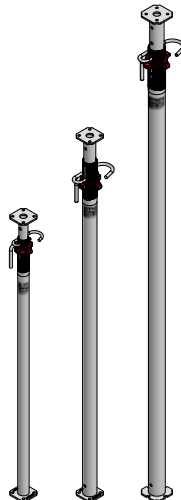
Galvanized. Complies with European Standard EN 1065, class E. The admissible load capacity is 30 kN at all extensions. Higher load capacities are admissible when used with MEVA formwork (see the MevaDec Technical Instruction Manual).



29-907-46	Eumax 30/150 (98-150).....	10.4
29-907-51	Eumax 30/250 (152-250).....	18.1
29-907-61	Eumax 30/350 (202-350).....	23.0
29-907-62	Eumax 30/450 (252-450).....	32.4

EuMax 20

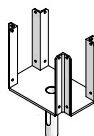
Galvanized. Complies with European Standard EN 1065, class D. The admissible load capacity is 20 kN at all extensions. Higher load capacities are admissible when used with MEVA formwork (see the MevaDec Technical Instruction Manual).



29-907-36	EuMax 20/300 (177-300).....	16.9
29-907-41	EuMax 20/400 (232-400).....	23.8
29-907-45	EuMax 20/550 (302-550).....	37.5

Forked prop head

Galvanized. The forked prop head can be used as a support instead of a drop head at the beginning or end of a primary beam row. The forked prop head 20 is applied with formwork girders H20 and.

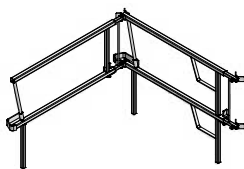


29-206-40	Forked prop head 20	3.0
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Ref.-No.	Description / Application	m ²	kg
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Support frame

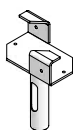
Is used as a support when erecting Eumax props. Stepless adjustment range from 1450 to 2450 mm. Height is 1000 mm.



29-905-80 Brace frame (145-245).....	40.5
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Beam clamp H20

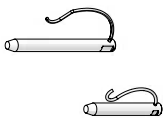
Is used to attach the MD beam to the prop or prop extension.



29-907-00 Beam clamp H20	0.8
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Pin

Galvanized. Is used to attach MD drop heads, MD prop heads of forked prop heads, etc. Pin 14/90 is used for steel tube props up to Ø 63 mm. Pin 14/135 is used with the aluminium profile of MEP props and MEP extension pieces.

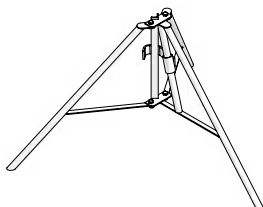


29-909-90 Pin 14/135, (for MEP).....	0.2
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29-909-94 Pin 14/90 (for props ≤ Ø 63 mm).....	0.1
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Tripod

Galvanized auxiliary to stabilize props with Ø 48 to 80 mm. The turnable legs allow the tripod 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.



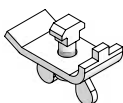
29-905-50 Tripod	12.2
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29-905-52 Tripod 120	17.7
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29-302-10 MD-safety claw.....	0.5
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MD safety claw

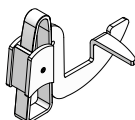
Galvanized. Clamps planks to the bottom of primary beams. When using MEP props, the safety claw can be used to attach a tripod to the aluminium profile.



29-930-85 Connector Clip H20	0.7
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Connector Clip H20

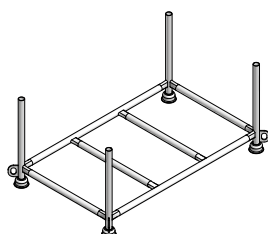
Galvanized. Is used to connect wooden H20 girders to each other. The wedge locks the girders into place and releases them.



27-000-20 Stacking rack	34.5
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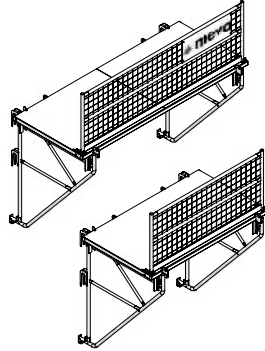
Stacking rack

Coated. Is used to store and transport props, wooden girders, etc.



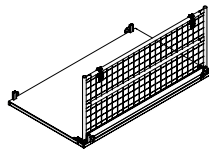
Working platform LAB 130

Galvanized. Guard-railings and brackets are made of tubes Ø 48.3 mm. The guard-railing is equipped with a protective steel mesh (mesh width 100 x 100 mm). The platform is covered with a non-slip-ping aluminium on a hot-dip galvanized steel frame construction. Stacking height 30 cm. Admissible load capacity 3 kN/m² (300 kg/m²) according to DIN 4420, scaffolding group 4.



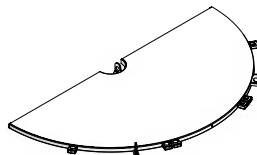
Compensation platform LAB 130/240

Galvanized. Is primarily used for length adjustment up to 2.00 m. The compensation platform is attached to the adjacent platforms with 2 integrated reversible couplings and thus secured against uplift and shifting. Admissible load capacity 2 kN (200 kg/m²) according to DIN 4420, scaffolding group 3.



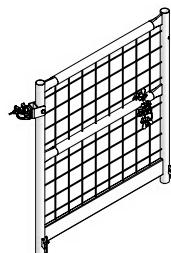
Corner platform LAB 130

Galvanized. Crescent-shaped platform without guard-railing for outside corners between 70° and 180°. The guard-railings must be ordered separately and need to be attached to the corner platform before use. The corner platform is secured against uplift and shifting by attaching the integrated couplers to the adjacent platforms. Admissible load capacity 3 kN/m² (300 kg/m²) according to DIN 4420, scaffolding group 4.



Railing for corner platform LAB

Galvanized. Each corner platform requires 3 guard-railings which are self-securing when assembled. The railings are connected to each other with integrated couplings. When using a pin connector LAB, this railing can also be used as railing extension.

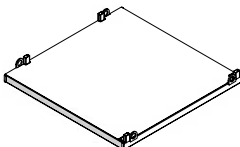
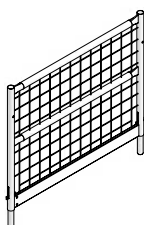
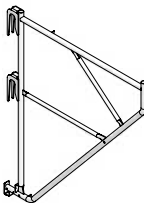

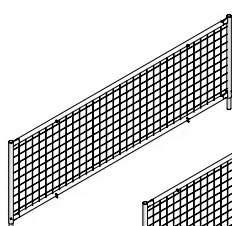
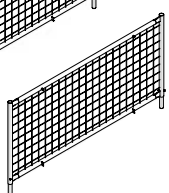
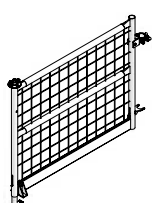


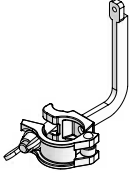
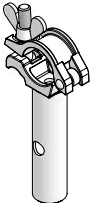

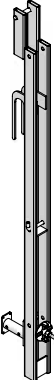


Ref.-No.	Description / Application	m ²	kg
29-421-12	Working platform LAB 130/340	253,0	
29-421-22	Working platform LAB 130/240	205,0	


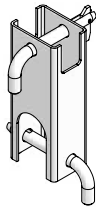
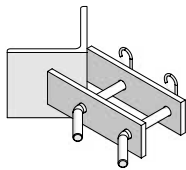
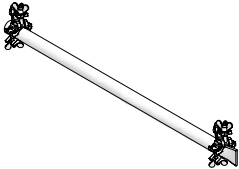
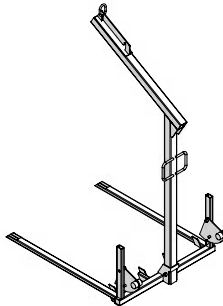
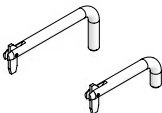
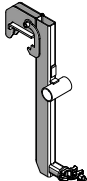
29-421-31	Compensation platform LAB 130/240	117,0	
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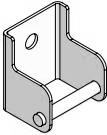
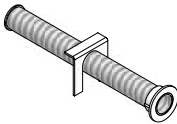
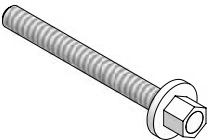
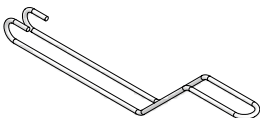
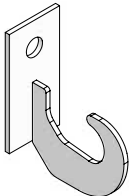

29-421-35	Corner platform LAB 130 (without railing)	79,0	
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29-421-41	Railing for corner platform LAB	20,0	
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	Ref.-No.	Description / Application	m ²	kg
Uni-platform LAB 130/140 Galvanized. Versatile supplement to the working platform LAB 130. Can be applied as inner corner, as working platform with a length of 1.40 m (+ railing 140) or as compensation platform up to 1.00 m. Four connectors for single scaffolding brackets are integrated (incl. 4 pins 16/120).	29-421-50	Uni-platform LAB 130/140	63,0	
				
Railing 140 LAB Galvanized. Pluggable railing for Uni-platform LAB 130/140 when used as working platform with a length of 1.40 m or as compensation platform. Also serves as railing extension.	29-421-56	Railing 140 LAB	23,0	
				
Single scaffolding bracket LAB Galvanized. Can be used as a single bracket beneath corner platforms when applied in acute-angled corners, beneath compensation platforms or Uni-platforms. When used as a single bracket, a guard-railing post 48/100 LAB is also required.	29-421-45	Single scaffolding bracket LAB	30,2	
				
Guard-railing post 48/100 LAB Galvanized. Is used with single scaffolding brackets LAB and suited as railing extension for all types of guard-railing.	29-421-70	Guard-railing post 48/100 LAB	6,0	
				
Extension for guard-railing LAB Galvanized. With protective steel mesh (mesh width 100 x 100 mm). Extend the guard-railing by 1.00 m.	29-423-00	Extension for guard-railing LAB 340	36,0	
	29-423-10	Extension for guard-railing LAB 240	27,0	
				
Side railing LAB Galvanized. With integrated protective steel mesh (width 100 x 100 mm). Side protection for working platform LAB. Is provided with an integrated coupling, a limit stop and a clamping device.	29-421-76	Side railing LAB	28,0	
				

	Ref.-No.	Description / Application	m ²	kg
Board holder 48 LAB Galvanized. Permits railing boards and toe boards to be attached at any position of the railings and brackets.				
	29-421-90	Board holder 48 LAB	1,1	
Coupling pin 48 LAB Galvanized. Is used to attach a scaffold tube to a railing post, e.g. when using protection nets. Can be attached to the guard-railing post 48/100 LAB with a pin 14/90.				
	29-421-95	Coupling pin 48 LAB	1,3	
Pin connector LAB Galvanized. Connects corner railings LAB to each other for height extension. The railings of a level must be connected to each other.				
	29-422-35	Pin connector LAB	0,8	
Bracket extension LAB Galvanized. Is used to bridge wall openings and allows platforms to be positioned about 1.30 m higher. Is provided with a pin 16/20 and a spacer. When bridging wall openings higher than 2.50 m, pressure rods LAB are also required.				
	29-422-05	Bracket extension LAB	23,0	
Pressure rod LAB Galvanized. Is used together with the bracket extension when bridging wall openings higher than 2.50 m. Delivery includes 2 pins 16/20.				
	29-422-10	Pressure rod LAB	14,0	
Height adjustment 60/100 LAB Galvanized. Permits lowering of LAB 130 platforms beneath eaves by 60 cm or 100 cm. The height adjustment is secured to the platform with a pin 16/80 (included in the delivery) before flying the platforms.				
	29-421-65	Height adjustment 60/100 LAB	16,5	

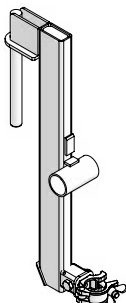
	Ref.-No.	Description / Application	m ²	kg
Combi ledger LAB Galvanized. Nailable ledger for single scaffolding bracket LAB to mount job-built planking or to adjust height if the compensation platform is provided with a bracket only on one side.				
	29-422-00	..... Combi ledger LAB		10,0
Bracket connection LAB Galvanized. Is used to fasten a single scaffolding bracket LAB to the corner platform LAB in acute-angled corners. The single scaffolding bracket acts like a pressure rod. Delivery includes 2 pins 16/80. A corner support LAB is also required.				
	29-422-30	..... Bracket connection LAB		1,6
Corner support LAB Galvanized. Turns the single scaffolding bracket LAB into a corner bracket. Delivery includes 2 pins 12/80 with cotter pins.				
	29-422-25	..... Corner support LAB		2,6
Scaffold tube 110 LAB Galvanized. Supplement for Uni-platform LAB 130/140 in combination with single scaffolding brackets LAB. Is used to brace the single brackets when the Uni-platform is lifted.				
	29-422-20	..... Scaffold tube 110 LAB		6,3
Transport spreader LAB Galvanized, foldable. Max. load capacity 10 kN (1 ton). Is used to move working platforms LAB 130 beneath the eaves.				
	29-422-15	..... Transport spreader LAB		105,0
Pin Galvanized, Ø 16 mm. Self-locking through tilting end. Is used to secure various accessories (pin is integrated) of the working platform LAB.				
	29-803-30	..... Pin 16/120		0,4
	29-803-40	..... Pin 16/80		0,3
Formwork connector head LAB Galvanized. Is required when using working scaffolds LAB as pouring platforms.				
	29-422-70	..... Formwork connector head LAB		11,5

		Ref.-No.	Description / Application	m ²	kg
Suspension shoe LAB Galvanized. Provides a safe suspension point together with a sleeve LAB and a screw LAB.		29-422-45	Suspension shoe LAB	3,9	
Sleeve LAB Built-in sleeve with DW thread Ø 26.5 mm, length 27 cm. Enables the installation of the suspension shoe LAB. A screw LAB is also required.		29-423-30	Sleeve LAB	0,2	
Screw LAB Galvanized. DW thread 26.5. Is used to screw the suspension shoe LAB into the sleeve. Length of thread 25 cm. SW 36.		29-423-35	Screw LAB	1,8	
Suspension loop 10 Uncoated. Is used to suspend platforms. Loop Ø 10 mm.		29-419-70	Suspension loop 10.....	1,1	
Tube suspension shoe LAB Galvanized. Together with sleeve LAB and screw LAB it provides a safe suspension point for the suspension tube 150 LAB.		29-422-55	Tube suspension shoe	2,3	
Suspension tube 150 LAB Galvanized. Is hooked into 2 tube suspension shoes LAB and permits the suspension of the working platform LAB at the joint of two platforms. The tube length of 1.50 m does not require an exact fitting of the anchoring points.		29-421-62	Suspension tube 150 LAB	12,9	

Ref.-No.	Description / Application	m ²	kg
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LAB suspension for prefab parts

Galvanized. Is used to suspend the working platform LAB 130 to prefabricated walls. Admissible load 2 kN/m² (200 kg/m²) when used with LAB 130/340.



29-422-60	LAB suspension for prefab parts	10,5	
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Sleeve for LAB suspension for prefab parts (compl.)

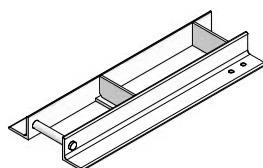
Cast-in plastic part (lost). Is required for each application of the LAB suspension for prefab parts.



29-422-65	Sleeve for LAB suspension for prefab parts	11,1	
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Suspension rail LAB

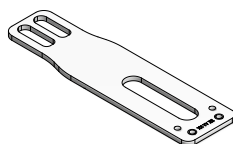
Galvanized. Is used to suspend and attach LAB or KAB platforms after pouring the wall or slab. If the wall contains a thermal insulation layer, the suspension can only be attached if the layer is not thicker than 20 cm. Suspension rail is attached with two diagonal dowels (Fischer FZA 14x60 M8i or equivalent dowels). Dowels to be ordered separately.



29-422-75	Suspension rail LAB	17,3	
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Holding plate LAB

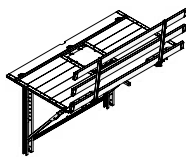
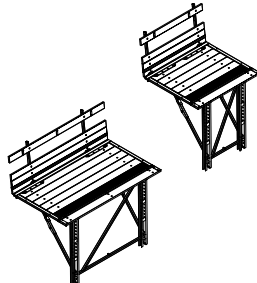
Painted. Is used to suspend and attach LAB platforms after pouring the wall or slab. If the wall contains a thermal insulation layer, the suspension can only be attached if the layer is not thicker than 20 cm. Suspension rail is attached with two diagonally positioned dowels (Fischer FZA 14x60 M8i or equivalent). Dowels must be ordered separately.



29-422-42	Holding plate LAB	12,0	
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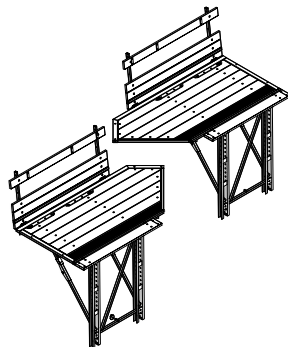
Folding working platform KAB 190

190 cm wide working and safety scaffold with fold-up guard-railing and galvanized brackets for a fast assembly. The planks are 48 mm thick and protected at the ends. A platform with access hatch is available. 2 adaptors and 2 spacers are required per platform unit. Load capacity up to 3 kN/m² (300 kg/m²) depending on the type of suspension. When formwork (max. height 425 cm) is put up, the platform must be suspended with climbing cones and suspension shoes. Please observe the Technical Instruction Manual.



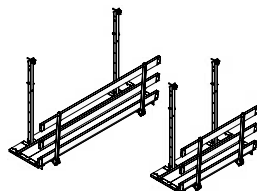
Corner platform KAB 190

Galvanized. For safe work and walking in corner configurations (90° or 135°). Each corner platform is connected to the next KAB platform with an alignment rail.



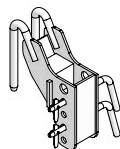
Secondary platform KAB

Galvanized, foldable. With planking (platform width 85 cm) and guard-railing. Allows for safe concrete cosmetics when formwork is located on the KAB platform.



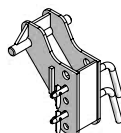
Loop adapter KAB

Galvanized. Is used to suspend a platform into suspension loops 10. Two loop adapters are required per platform. They are attached to the KAB brackets with integrated pins 20/12.



Shoe adapter KAB

Galvanized. Suspends a platform with suspension shoes KAB and climbing cones, e.g. when formwork is placed on the platform. 2 shoe adapters are required per platform and attached to KAB brackets with integrated pins 20/12.



Ref.-No.	Description / Application	m ²	kg
29-418-00	Folding working platform KAB 190/350	554.5	
29-418-10	Folding working platform KAB 190/225	429.0	

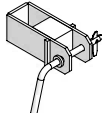

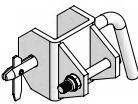
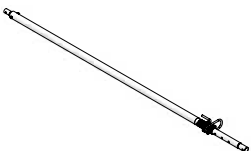
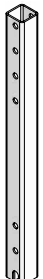
79-418-20	Folding working platform KAB 190/350	535.0	
	with access hatch.....		

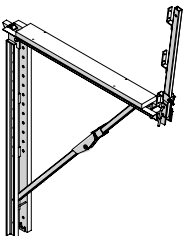
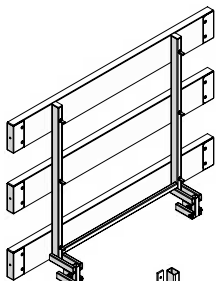
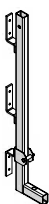
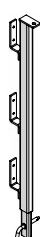

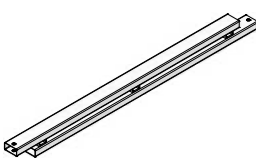
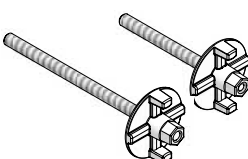
29-418-35	Corner platform KAB 190 left	499.0	
29-418-40	Corner platform KAB 190 right.....	499.0	

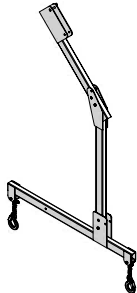
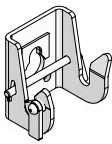





79-418-50	Secondary platform 85/350 KAB	272.0	
79-418-55	Secondary platform 85/225 KAB	216.0	


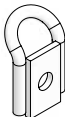
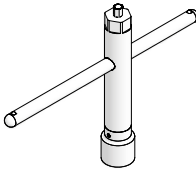
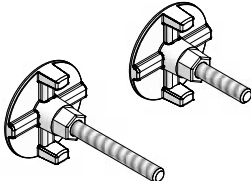
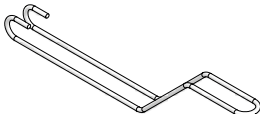

79-419-20	Loop adapter KAB.....	12.0	
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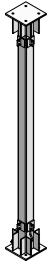
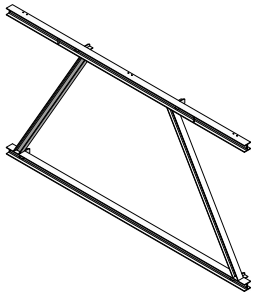
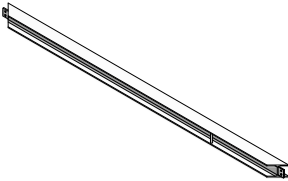
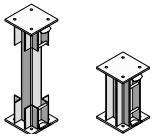
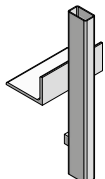
79-419-25	Shoe adapter KAB.....	13.0	
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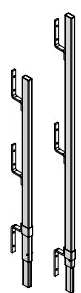
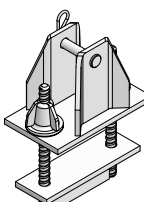
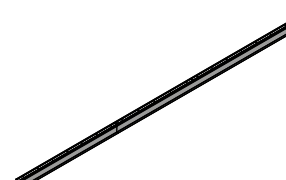
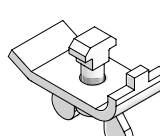
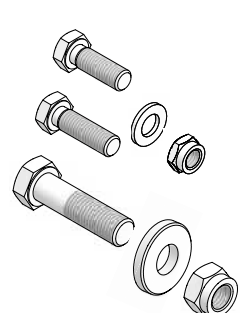
	Ref.-No.	Description / Application	m ²	kg
Spacer KAB Galvanized. Holds the necessary distance between platform and wall at the bottom of the brackets. H20-girders can be attached to bridge wall openings. Each platform requires 2 spacers. They are attached to the KAB brackets with integrated pins 20/12. 	79-419-30	Spacer KAB		7.6
Bracket extension 200 KAB Galvanized. Extends the bracket downwards by 2.00 m to bridge large wall openings up to a floor height of 3.65 m. In skeleton construction, connection is possible with the slab below. A flange screw is also required. 	79-419-05	Bracket extension 200 KAB		32.5
Brace connector KAB Galvanized. Attaches a push-pull prop R 460 as compression strut when applied with bracket extension 200 KAB or secondary platform KAB. Is attached to the bracket extension KAB with an integrated pin 20/12. A bolt M16x120 with nut is required For the upper connection of the push-pull prop. 	79-419-60	Brace connector KAB		4.5
	63-120-40	Hexagonal screw M16 x 120, galv., DIN 931		0.2
	63-130-00	Hexagonal locking nut M16, galv., DIN 985		1.6
Push-pull prop R Galvanized; guarantees tensile and compression strength and serves as compression strut when applied with the bracket extension 200 KAB or the secondary platform KAB; is attached to the brace connector KAB with an integrated bolt (M16x100 and locking nut). For the upper connection of the brace a bolt M16x120 with nut is required. 	29-109-80	Push-pull prop R 460 (340-520)		35.0
Height adjustment 100 KAB Galvanized. Permits lowering of KAB platforms by up to 1.00 m when used as a safety-catch scaffold beneath the eaves. 2 height adjustments are required per platform and attached to the KAB brackets with an integrated pin 20/12 before flying the platforms. The required loop or shoe adapters are attached to the height adjustment. 	79-419-15	Height adjustment 100 KAB		13.0

	Ref.-No.	Description / Application	m ²	kg
Folding bracket KAB 190 Galvanized. With nailable strip to mount job-built planking. Single bracket for special applications and length adjustments. 	79-419-10	Folding bracket KAB 190	111.5	
Side railing KAB Galvanized. Is attached to the platform with 2 flange screws 18. Side railing 85 KAB is suited for secondary platforms. 	79-419-40	Side railing 190 KAB	40.0	
	79-419-45	Side railing 85 KAB	22.0	
Guard-railing post 100 KAB Galvanized. Is used for KAB corner platforms and as a single post for side railings. A flange screw 18 is also required. 	79-419-75	Guard-railing post 100 KAB	9.6	
Extension for guard-railing KAB Galvanized. Extends the guard-railing of the KAB platform when used as safety-catch scaffold. 	79-419-85	Extension for guard-railing KAB	10.0	
Pin Galvanized, Ø 20 mm. Self-locking through tilting end. Is used to secure various accessories (pin is integrated) of the working platform KAB. 	29-419-65	Pin 20/12	1.1	
M alignment rail 180 Galvanized. Connects a corner platform to the adjacent platform with 2 flange screws. 	29-400-92	M-alignment rail 180, galv.	24.8	
Flange screw Galvanized. DW thread Ø 15 mm. Is used to attach accessories, e.g. alignment rails, brace frames, push-pull props, etc. Length of thread 18 cm or 27 cm. 	29-401-10	Flange screw 18	1.1	
	29-401-12	Flange screw 28	1.2	

		Ref.-No.	Description / Application	m²	kg
Transport spreader KAB Galvanized, foldable. Max. load capacity 10 kN (1 ton). Is used to move KAB working platforms beneath the eaves. Always 2 spreaders are required for transport. Please observe the transport spreader Operating Instructions.		29-419-90	..... Transport spreader KAB.....	79.0	
Suspension shoe KAB Galvanized. With safety pin and uplift protection. Is connected to the climbing cone with suspension screw M24 and used to suspend the climbing bracket.		79-419-55	..... Suspension shoe KAB.....	5.1	
Climbing cone 15/M24 Silver chromated. Provides a suspension point for the climbing scaffold. Serves as positioning and climbing cone. Load capacity depends on ties and concrete quality. Suited for anchor plates 15/120 and 15/170.		29-412-70	..... Climbing cone 15/M24	1.0	
Conical sleeve Suited for climbing cone 15/M24. Is slipped over climbing cone before pouring. Eases removal of the climbing cone from set concrete.		29-412-95	..... Conical sleeve	0.1	
Suspension screw M24 Black, SW36, with yellow chromated thrust ring. Is used to fix the suspension shoe to the climbing cone.		29-412-80	..... Suspension screw M24	0.8	
Positioning disc M24 Galvanized. Is used to attach the climbing cone to the facing (4 drill holes Ø 5 mm). The anchor plate has to be secured separately, e.g. by wiring it to the rebars.		29-412-85	..... Positioning disc M24.....	0.3	
Hexagonal screw M24 x 80, 10.9, black, DIN 931 Black. SW 36. Attaches climbing cones to the facing and is used instead of positioning disc M24 when the facing can be drilled. A washer M24 is also required.		63-119-53	..... Hexagonal screw M24x80, 10.9 black DIN 931	0.4	

		Ref.-No.	Description / Application	m ²	kg
Washer M24, DIN 7349-25 Galvanized. Is required when using the hexagonal screw M24 x 80 (M24 x 50) to attach climbing cones (safety eyes). Thickness of washer: 10 mm.		62-030-50	..... Washer M24, galv., DIN 7349-25	0.1	
Safety eye Is used to attach the tensioning chain for bracing against for wind load. Is attached to the cone from the previous pour with a screw M24x50 or with a tie rod and flange nuts to an existing tie hole in the concrete wall.		29-412-40	..... Safety eye	1.3	
Combination spanner Is used to remove the climbing cones (SW 36) and positioning discs (SW 12) as well as to operate suspension screws M24 (SW 36)		29-411-85	..... Combination spanner	4.3	
Anchor plate Uncoated. Is used to anchor climbing cones in the concrete. The admissible load capacity depends on the installation depth of the anchor plate and the concrete strength at the time of loading.		29-412-30	..... Anchor plate 15/120	0.8	
		29-412-35	..... Anchor plate 15/170	0.9	
Suspension loop 10 Uncoated. Is used to suspend a platform. Loop Ø is 10 mm.		29-419-70	..... Suspension loop 10	1.1	
Concrete cone 56 x 40 Closes the holes in the concrete when climbing cones have been removed ; used with concrete glue (A + B) Quantity is sufficient for 150 plugs..		29-412-67	..... Concrete cone 56x40	0.3	
		53-210-70	..... Concrete glue (A + B)	1.0	

	Ref.-No.	Description / Application	m ²	kg
SP prop 300 Coated. A tower unit (4.80 x 4,80 m) consists of 4 props (height 3,00 m) and 4 frames. Height extensions always require 4 bolts M16x60, washers M16 and locking nuts M16.				
	29-911-45	SP-prop 300.....		102.0
SP frame Coated. Height 2,46 m, length 4,64 m. SP frames serve to brace SP props. Four frames are required per tower unit. They are attached to the props with bolts M12x35, washers M12 and locking nuts M12, which have to be ordered separately.				
	29-911-40	SP-frame.....		283.0
SP diagonal brace Coated. Four diagonal braces are required for the horizontal bracing of a tower unit. Is attached to SP frames by using bolts M12x40, washers M12 and locking nuts M12; these have to be ordered separately.				
	29-911-50	SP-diagonal brace		64.0
SP extension Coated. Extends the tower units. Is attached to a SP prop with always 4 bolts M16x60, washers M16 and locking nuts M16, which have to be ordered separately.				
	29-911-55	SP-extension 100		57.0
	29-911-60	SP-extension 50		50.0
SP guard-railing post adaptor Galvanized. Is used to attach a guard-railing post and attached to SP frames by using bolts M12x35, washers M12 and locking nuts M12. Guard-railing posts 100 or 140 are also required.				
	29-911-70	SP-guard-railing post adapter		2.0

		Ref.-No.	Description / Application	m ²	kg
Guard-railing post Galvanized. Is attached to the SP guard-railing post adaptor.		29-106-75	Guard-railing post 100, galv.	3.7	
		29-106-85	Guard-railing post 140, galv.	4.7	
SP connector for push-pull props Galvanized. Is used to connect push-pull props or Triplex braces. Brace the form-work against the shoring tower or the shoring tower itself.		29-911-75	SP-connector for push-pull props	5.8	
MD beam 560 Are placed onto the SP diagonal brames and SP frames and attached on both sides with an MD safety claw.		29-911-65	MD-beam 520	24.0	
MD safety claw Galvanized. Clamps planks to the bottom of MD primary beams. When using MEP props, the safety claw can be used to attach a tripod to the aluminium profile.		29-302-10	MD-safety claw	0.5	
Accessories for attachment Not shown.		63-120-60	Hexagonal screw M12x35, galv., DIN 933	4.3	
		63-120-57	Hexagonal screw M12x40, galv., DIN 933	4.6	
		63-130-10	Hexagonal locking nut M12, galv., DIN 985	0.1	
		62-030-41	Washer M12, (for MEP), galv., DIN 125	0.1	
		63-120-46	Hexagonal screw M16x60, galv., DIN 931	6.1	
		63-125-50	Hexagonal nut M 16, galv., DIN 934	0.1	
		62-030-48	Washer M16, galv., DIN 7349-25	0.1	

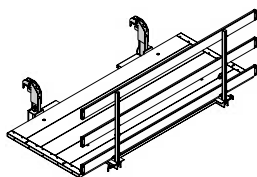
Ref.-No.	Description / Application	m ²	kg
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Access and working scaffolds

Access and working scaffolds guarantee safe working. They can either consist of pre-assembled units or be assembled on-site. One distinguishes between scaffolds which are mounted to the formwork, mobile scaffolds and those attached to the building. They serve to assemble formwork, install reinforcement or pour concrete. It may become necessary to assemble scaffolds on the formwork on different elevations. Always observe the federal, state and local regulations of your country when using access and working scaffolds.

Folding access platform BKB 125

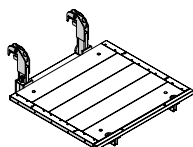
Self-locking; ready-made platform with a foldable guard-railing and an overall width of 125 cm; it is suspended onto the frame profile of the panels. The 48 mm thick planking is protected at the front ends. Stacking height 17cm; load capacity 2 kN/m². This platform is used with the formwork systems AluStar/StarTec and Mammut/Mammut 350/Mammut XT.



29-417-10	..... Folding access platform BKB 125/235	.....	185,0
29-417-20	..... Folding access platform BKB 125/300	.....	205,0

Folding access platform BKB 125/140

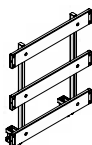
It is used for inside corner configurations and length adjustments. In the latter case a side railing BKB 125 and two (2) flange screws 18 are required as guard-railing.



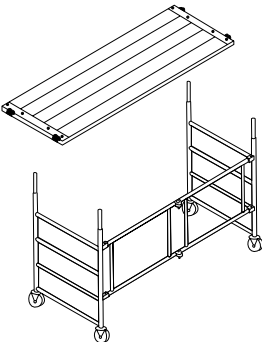
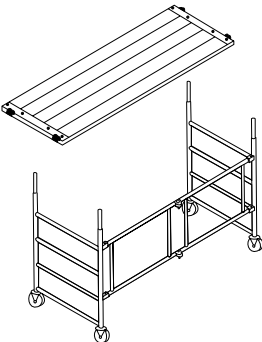
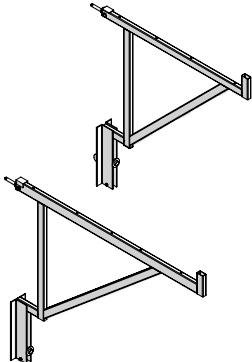
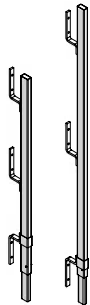
29-417-00 Folding access platform BKB 125/140	120,0
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Side railing BKB 125

Galvanized. Suited as side railing for all folding access platforms or as guard-railing for platform BKB 125/140. Is attached to the BKB with 2 flange screws 18 (to be ordered separately).



29-417-30 Side railing BKB 125	17,0
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	Ref.-No.	Description / Application	m ²	kg
Mobile scaffold Alu Foldable mobile aluminium scaffold for various applications. The effective load including personnel must not exceed 1 kN/m ² (100 kg/m ²). L x W = 180 x 80 cm. Please refer to Technical Instruction Manual.				
	29-905-60	Mobile scaffold 100 (aluminium)	40,0	
Mobile scaffold 100 (aluminium) Foldable basic unit. Max. height of the platform 1,00 m. Work in heights up to 3,00 m can be carried out safely. Platform width 0,60 m.				
	29-905-65	Height extension for mobile scaffold	38,0	
Height extension for mobile scaffold Not shown. Foldable. Extends the mobile scaffold Alu by 1,00 m allowing for safe working in heights up to 4,00 m.				
Walkway bracket Galvanized, yellow, pluggable. Is used as a working and safety scaffold. Is attached to the multi-function profile and secured to the multi-function profile below with a flange screw 18. The planking can be mounted to the brackets. Working width approx. 90 cm (or 125 cm). Guard-railing post 100 or 140 is required in addition. Bracket spacing depends on the type of planking (according to DIN 4420).				
	29-106-00	Walkway bracket 90 (yellow), galv.	10,3	
	29-106-50	Walkway bracket 125 (yellow), galv.	11,8	
Guard-railing post Galvanized. Is plugged into the walkway bracket.				
	29-106-75	Guard-railing post 100, galv.	3,7	
	29-106-85	Guard-railing post 140, galv.	4,7	

Ref.-No.	Description / Application	m ²	kg
29-106-80	Guard-railing post 48/120 (UK), galv.	5,5	
29-107-20	Railing clamp 100	6,6	
29-107-25	Railing clamp 140	9,4	
29-107-35	Clamp for guard-railing post	9,8	
29-108-20	Side railing 90/100, galv.	12,3	
29-108-30	Side railing 125/100, galv.	13,8	
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	

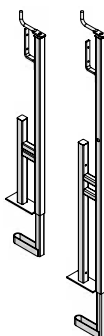
Guard-railing post 48

Galvanized. With manifold to be plugged into the walkway bracket and with 48 mm Ø tube to attach scaffold couplers.



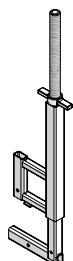
Railing clamp

Coated. Can be clamped to all kind of beams or free slab edges. Railing clamp 100 with height 100 cm and clamping length 45 cm. Railing clamp 140 with height 140 cm and clamping length 50 cm.



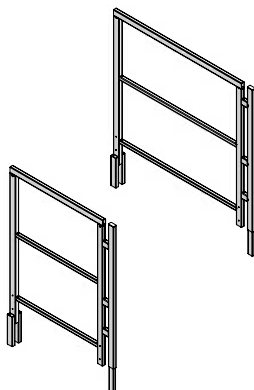
Clamp for guard-railing post

Galvanized. Sliding part with spindle, suited for all common MEVA guard-railing posts (round and square). Adjustment range 0-45 cm. Usable for stop ends at slab edges and parapets.



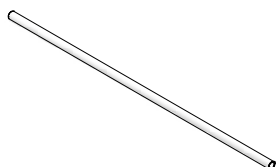
Side railing



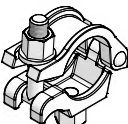

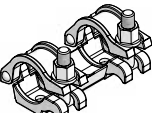
Galvanized. Is plugged into the walkway bracket.



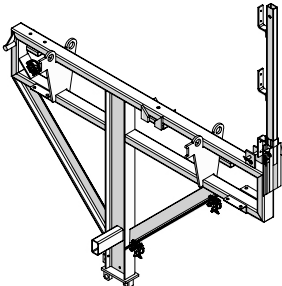
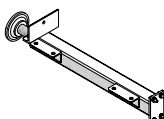
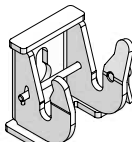
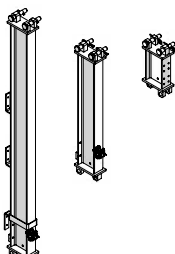
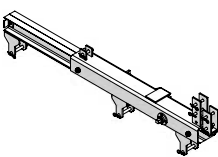
Scaffold tube

Galvanized. They serve to reinforce large-size units of support frames or climbing scaffolds for crane ganging, as guardrail in connection with the various guard-railing posts or as bracing for MEP shoring towers.

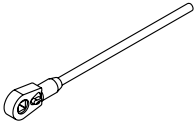
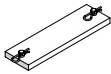
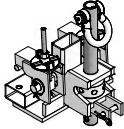
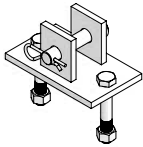
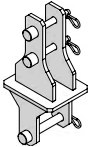
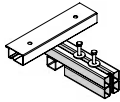


		Ref.-No.	Description / Application	m ²	kg
Rigid coupler 48/48 Galvanized. Connects 2 scaffold tubes with Ø 48,3 mm at an angle of 90° (SW 22).		29-412-50	Rigid coupler 48/48.....	1,1	
Swivel-joint coupler 48/48 Galvanized. Connects 2 scaffold tubes with Ø 48,3 mm at any angle required.		29-412-52	Swivel-joint coupler 48/48.....	1,2	
Swivel-joint coupler 48/63 Not shown. Galvanized. Connects a scaffold tube with Ø 48,3 mm and one with Ø 63 mm at any angle required.		29-412-54	Swivel-joint coupler 48/63.....	1,8	
Bolt-on coupler 48/M14 Galvanized. Allows scaffold tubes Ø 48,3 mm to be attached to support frames, climbing brackets etc.		40-080-70	Bolt-on coupler 48/M14.....	0,6	
Tube connector 48 Galvanized. Supplement to rigid coupler 48/48. Is used to reinforce the joint of two tubes.		29-412-57	Tube connector 48.....	1,1	
Joint coupler 48/48 (SW 22) Galvanized. Allows scaffold tubes Ø 48,3 mm to be attached at tube joints. Is used together with a tube connector 48.		29-412-55	Joint coupler 48/48 (SW 22).....	1,4	

Climbing Formwork

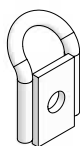
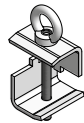
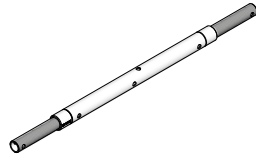
	Ref.-No.	Description / Application	m ²	kg
Climbing bracket KLK 230 Solid steel construction, coated, with folding guard-railing post. Is used to build climbing scaffolds. Working width: 2,30 m.				
	29-411-00	..... Climbing bracket KLK 230	176.5	
Wall strut Coated. Is attached to the climbing bracket or bracket extension and used to transfer the load to the wall. Delivery includes 4 bolts M12x35.				
	29-411-30	..... Wall strut	17.3	
Suspension shoe KLK Galvanized. With safety pin and uplift protection for the climbing bracket. Is used to suspend the climbing bracket and connected to the wall with suspension screw M24.				
	29-411-05	..... Suspension shoe KLK	13.7	
Bracket extension Coated. Is used together with a wall strut to transfer high loads and to build a secondary platform (with 94 cm working width), which allows the necessary finishing work to be safely done.				
	29-411-20	..... Bracket extension 220.....	57.0	
	29-411-22	..... Bracket extension 120.....	33.0	
	29-416-40	..... Bracket extension 40.....	18.1	
Slide carriage Coated. Is used to move the formwork back and forth by 70 cm. The range of 70 cm provides sufficient working space to install blockouts, rebars, etc. A square spanner is used to slide the carriage. When supplemented with a formwork clamping fixture KLK, the slide carriage allows building a transport unit consisting of formwork and climbing scaffold.				
	29-411-50	..... Slide carriage	132.0	

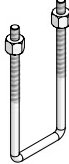
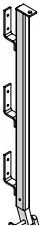
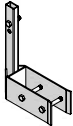
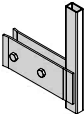


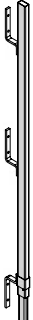
Climbing Formwork

		Ref.-No.	Description / Application	m ²	kg
Square spanner Galvanized. Is used to operate the slide carriage. At least 2 spanners should be available on a construction site that uses a slide carriage on climbing formwork.		29-411-45	Square spanner (for carriage)	2.7	
Formwork adaptor Coated. Is used to connect AluStar, StarTec, AluFix, EcoAs or Mevalite panels to the formwork clamping fixture KLK or to the formwork support KLK.		29-411-65	Formwork adaptor AS/ST	5.0	
		29-411-92	Formwork adaptor EA/ML	3.8	
Formwork clamping fixture KLK Coated. Height-adjustable, provided with a tilting hinge. Is used to attach wall formwork and allows building a transport unit with formwork and climbing scaffold. Usable with or without slide carriage. In the latter case, a bearing for formwork clamping fixture KLK, a holding device for push-pull props and a brace SRL 120 are also required.		29-411-60	Formwork clamping fixture KLK	41.1	
Bearing for formwork clamping fixture KLK Coated. Connects the formwork clamping fixture KLK to the climbing bracket KLK. Is required when the formwork clamping fixture KLK is used without slide carriage.		29-411-70	Bearing for formwork clamping fixture KLK	2.7	
Holding device for push-pull props Galvanized. Is used to attach push-pull props to brace the formwork when using either the formwork support KLK or the formwork clamping fixture KLK without the slide carriage.		29-411-25	Holding device for push-pull props	7.3	
Formwork support KLK Galvanized. Is used to place the (separate) formwork onto the bracket, is required when neither a slide carriage nor a formwork clamping fixture KLK are used the formwork is attached to the formwork support with M assembly lock or Uni-assembly lock.		29-411-90	Formwork support KLK	12.0	

Climbing Formwork




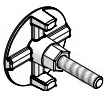
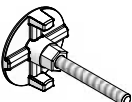
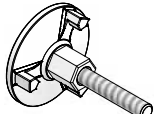
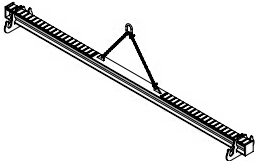
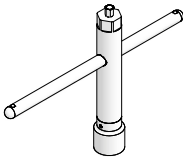
	Ref.-No.	Description / Application	m ²	kg
Brace SRL 120 Galvanized. Is used to press the formwork against the previous pour and required when the formwork clamping fixture KLK is used.	29-108-80	..... Brace SRL 120 (90-150).....	8.8	
	29-108-90	..... Brace SRL 170 (120-220).....	11.5	
Tension belt Not shown. For safety against wind load. 50 mm wide, reinforced loop 200 mm, cranked snap hook with safety flap, DIN EN 12195. Adm. load: 25 kN (straight), 50 kN (strapped). Is attached to climbing bracket KLK or bracket extension and with safety eye to concrete wall. This can be done at the cone from the previous pour.	29-930-10	..... Tension belt with hook and loop	3.8	
	29-930-15	..... Tension belt with hook on both ends	3.9	
Tension belt clamp H20 Galvanized. Is attached to two wooden girders H20. With eyes to attach the tension belt.	29-930-90	..... Tension belt clamp H20	1.0	
Side protection net 200/1000 Not shown. Size 2,00 m x 10,00 m, mesh width 100 mm, red colour. Integrated quick-release belt fasteners allow for a quick assembly of the protection net. Complies with German DIN 4420 standard and is approved by building authorities.	29-108-60	..... Side protection net 200/1000	6.5	
Quick-release belt fastener Not shown. Allows for a quick assembly of side protection nets. Length 55 cm, belt width 25 mm, red colour. Approved by building authorities.	29-108-65	..... Quick-release belt fastener	0.2	
Safety eye Is used to attach the 20 kN tensioning chain for wind bracing. Is attached to the cone from the previous pour with a screw M24x50 (SW 36). A washer M24 is required.	29-412-40	..... Safety eye	1.3	


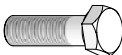

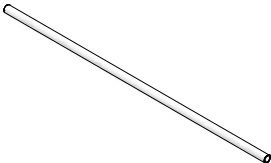
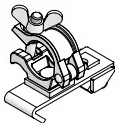



	Ref.-No.	Description / Application	m ²	kg
Beam clamp 295 Galvanized. Is used to clamp girders such H20 girders to the climbing bracket KLK when assembling the KLK climbing scaffold.				
	29-412-60	..... Beam clamp 295.....	1.2	
Extension for guard-railing KLK 230 Coated. Inclination 20°. Extends the guard-railing of the KLK 230 climbing scaffold by approx. 1,00 m.				
	29-411-75	..... Extension for guard-railing KLK 230	10.9	
Support for guard-railing post KLK Galvanized. With screws. Is attached to platform timber (width 10 cm) and used as additional guard-railing post between climbing scaffolds KLK 230 and/or as side railing according to standard DIN 4420. The guard-railing post KLK is also required.				
	29-411-77	..... Support for guard-railing post KLK 230, galv.	6.9	
Support for guard-railing post SDT Galvanized. With screws. Is attached to the web of H20 girders and used for the construction of a (side) railing. Guard-railing post 100 or 140 is also required.				
	29-106-90	..... Support for guard-railing post SDT, galv.	5.4	
Guard-railing post KLK 230 Galvanized. Can be attached to the support for guard-railing post KLK 230 and be used as a replacement part for the climbing scaffold KLK 230.				
	29-411-78	..... Guard-railing post KLK 230.....	8.1	
Guard-railing post Galvanized. Is plugged into the walkway bracket.				
	29-106-75	..... Guard-railing post 100, galv.....	3.7	
	29-106-85	..... Guard-railing post 140, galv.....	4.7	



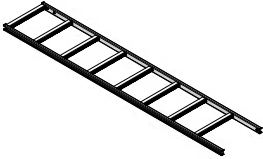

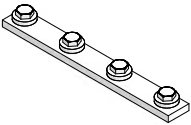
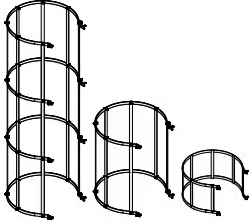
Climbing Formwork

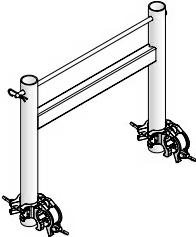
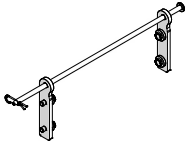
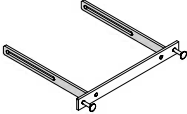
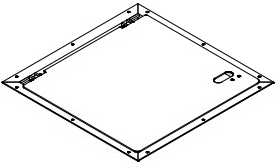
	Ref.-No.	Description / Application	m ²	kg
Railing clamp Coated. Is used as side railing at free slab edges and can be clamped to all kinds of beams. Railing clamp 100: height 100 cm, clamping length 45 cm. Railing clamp 140: height 140 cm, clamping length 50 cm.	29-107-20	Railing clamp 100	6.6	
	29-107-25	Railing clamp 140	9.4	
Clamp for guard railing post Galvanized. Sliding part with spindle is suited for all common MEVA guard-railing posts (round and square). Adjustment range 0-45 cm. Application: stop ends at slab edges and parapets.	29-107-35	Clamp for guard-railing post	9.8	
Walkway bracket Galvanized, yellow, pluggable. Is used as a working and safety scaffold. Is attached to the multi-function profile and secured to the multi-function profile below with a flange screw 18. The planking can be mounted to the brackets. Working width approx. 90 cm (or 125 cm). Guard-railing post 100 or 140 is required in addition. Bracket spacing depends on the type of planking (according to DIN 4420).	29-106-00	Walkway bracket 90 (yellow), galv.....	10.3	
	29-106-50	Walkway bracket 125 (yellow), galv.....	11.8	
Climbing cone 15/M24 Provides a suspension point for the climbing scaffold. Serves as a positioning and climbing cone. Load capacity depends on ties and concrete quality. Suited for anchor plates 15/120 and 15/170.	29-412-70	Climbing cone 15/M24	1.0	
Climbing cone 20/M24 Yellow chromated. Provides a suspension point for the climbing scaffold. Serves as a positioning and climbing cone. Load capacity depends on ties and concrete quality. Suited for anchor plate 20/170.	29-412-75	Climbing cone 20/M24	1.3	

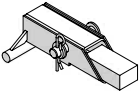
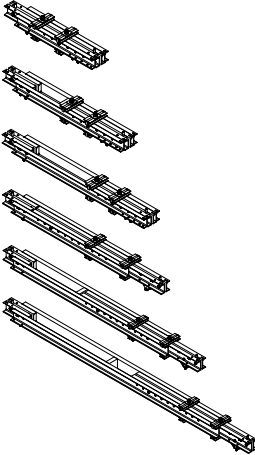
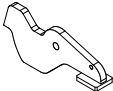
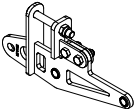
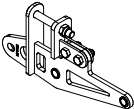
		Ref.-No.	Description / Application	m ²	kg
Conical sleeve Suited for climbing cone 15/M24. Is slipped over the climbing cone before pouring and this way eases removing the climbing cone from the set concrete.		29-412-95	..... Conical sleeve	0.1	
Positioning disc M24 Galvanized. Is used to attach the climbing cone to the facing (4 drill holes with Ø 5 mm). The anchor plate must be secured additionally, e.g. by wiring it to the rebars.		29-412-85	..... Positioning disc M24	0.3	
Suspension screw M24 Black, SW 36, with yellow chromated thrust ring. Is used to screw the suspension shoe to the climbing cone.		29-412-80	..... Suspension screw M24	0.8	
Anchor plate Uncoated. Is used to anchor climbing cones in the concrete. The admissible load capacity depends on the installation depth of the anchor plate and concrete strength at the time of loading (see approval No. by the DIBt [German Institute for Construction Technology]).	  	29-412-30	..... Anchor plate 15/120	0.8	
		29-412-35	..... Anchor plate 15/170	0.9	
		29-412-37	..... Anchor plate 20/170	1.9	
Transport spreader KLK Coated. Is used to move complete climbing scaffold units (width 2,35–6,00 m). Max. load capacity is 5 tons. Also required: 4 lifting chains which can be cut to length.		29-412-45	..... Transport spreader KLK	520.0	
		29-412-42	..... Chain for transport spreader KLK	21.5	
Combination spanner Is used to remove the climbing cones (internal hexagonal, SW 36) and positioning discs (internal hexagonal, SW 12) as well as to operate suspension screws M24 (SW 36).		29-411-85	..... Combination spanner	4.1	

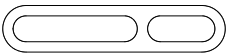
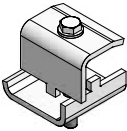
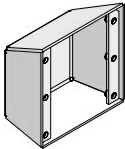

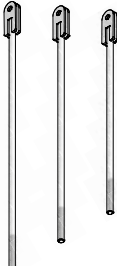
		Ref.-No.	Description / Application	m ²	kg
Concrete cone 56 x 40 Closes the holes in the concrete when climbing cones have been removed. Is used with concrete glue A+B (Quantity is sufficient for 150 plugs).		29-412-67	..... Concrete cone 56x40.....	0.3	
		53-210-70	..... Concrete glue (A + B).....	1.0	
Hexagonal screw M24x80, 10.9 Black, SW 36. Is used to attach climbing cones to the facing. Is used instead of positioning disc M24 if facing can be drilled. A washer M24 is also required.		63-119-53	..... Hexagonal screw M24x80, 10.9 black DIN 931	0.4	
Washer M24, DIN 7349-25 Galvanized. Is required when attaching climbing cones with hexagonal screws M24x80 or safety eyes with hexagonal screws M24x50. Washer is 10 mm thick.		62-030-50	..... Washer M24, galv., DIN 7349-25	0.1	
		29-412-78	..... Washer D40xD26x4, galv., DIN 1440-26	0.1	
Scaffold tube Galvanized. Is used to reinforce large-size units of support frames or climbing scaffolds for crane ganging.		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-tube coupler 48 Galvanized. Is used to mount scaffold tubes Ø 48,3 mm in order to fasten protective nets.		29-412-48	..... Swivel tube coupler 48.....	1.6	
Rigid coupler 48/48 Galvanized. Connects 2 scaffold tubes with Ø 48,3 mm at an angle of 90° (SW 22).		29-412-50	..... Rigid coupler 48/48.....	1.1	

Climbing Formwork

		Ref.-No.	Description / Application	m ²	kg
Swivel-joint coupler 48/48 Galvanized. Connects two scaffold tubes with Ø 48,3 mm at any angle.		29-412-52	..... Swivel-joint coupler 48/48.....	1.2	
Bolt-on coupler 48/M14 Galvanized. Connects scaffold tubes with Ø 48,3 mm to the support frame, scaffolding bracket, etc.		40-080-70	..... Bolt-on coupler 48/M14.....	0.6	
Ladder Galvanized. Provides access to the secondary platforms. Is attached to the access hatch KLK. Attachment to the climbing bracket is achieved with ladder fixtures. Can be extended with extension ladders. Safety cages are required for operational safety.		29-414-50	..... Ladder 348	23.2	
		29-414-55	..... Ladder 318	21.1	
		29-416-50	..... Ladder 243	17.2	
Extension ladder Galvanized. For height extension. Is attached to the ladder by using the ladder link KLK. The extension ladder must be secured with ladder fixture KLK. Additional extension in increments of 30 cm by hooking an extension ladder into the appropriate step.		29-416-52	..... Extension ladder 270	19.2	
		29-414-60	..... Extension ladder 210	15.9	
		29-416-55	..... Extension ladder 120	8.5	
		29-416-60	..... Extension ladder 90	7.4	
		29-416-62	..... Extension ladder 60	4.4	
Ladder connector Galvanized. Connects 2 ladders at the joint without the need to hook one ladder into a step of the other.		29-414-70	..... Ladder connector.....	1.0	
Safety cage Galvanized. Internal Ø 70 cm. Protects workers when ascending and descending. The safety cages are attached to the ladders or extension ladders with the integrated hammerhead screws.		29-414-85	..... Safety cage 210	27.9	
		29-414-90	..... Safety cage 85	12.0	
		29-416-90	..... Safety cage 40	8.2	

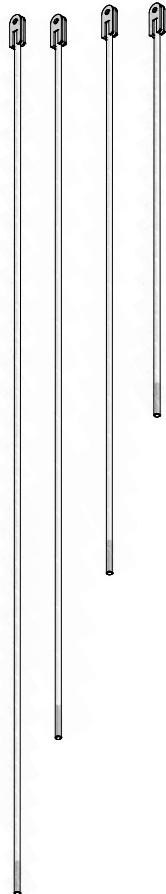
	Ref.-No.	Description / Application	m ²	kg
Ladder fixture KLK Galvanized. Is attached to the scaffold tube units of the climbing scaffold with the integrated coupler. The ladder is secured to the ladder fixture with a long pin.	29-416-65	Ladder fixture KLK	7.4	
				
Ladder link set KLK Galvanized. Connects 2 ladders in the transition from straight ladder to tilted ladder.	29-416-72	Ladder link set KLK	1.8	
				
Ladder base KLK Galvanized. Is used to attach the ladder at its bottom with 2 bolts M12x80 to the planking (45 mm). Has a 24 cm long hole to allow for height adjustment.	29-416-70	Ladder base KLK	4.6	
				
Access hatch KLK Galvanized steel frame. Hatch made from checker plate. Cataphoretic coating; max. opening 88°, self-closing.	29-416-05	Access hatch KLK	22.3	
				
Climbing bracket KLK 230 UK Side protection with scaffold tubes.	29-411-01	Climbing bracket KLK 230 (UK)	174.5	
	29-411-79	Guard-railing post KLK 230 UK	7.7	
	29-411-18	Bracket extension 220 UK	59.5	
	29-106-80	Guard-railing post 48/120 (UK), galv.	5.5	
	29-920-80	Guard-railing post 48/134	5.5	

	Ref.-No.	Description / Application	m ²	kg
Folding suspension Coated. Is hooked into the suspension shoe. Two folding suspensions are required per steel girder of a shaft platform. 	29-410-80	Folding suspension.....	11.8	
Shaft platform girder Galvanized. 6 shaft platform girders with different lengths are available for shaft openings from 1,41 m to 5,78 m. The max. admissible working load is 200 kN/m ² for symmetrical platforms. 	29-150-25	Base girder 1410 - 1875	93.7	
	29-150-35	Base girder 1880 - 2345	108.6	
	29-150-45	Base girder 2340 - 2805	121.2	
	29-150-55	Base girder 2800 - 3790	181.7	
	29-150-65	Base girder 3795 - 4785	252.1	
	29-150-75	Base girder 4790 - 5780	290.8	
Base girder Base girder with safety pawl. An assembly plate and a crane eye replace the shaft platform girder 	29-150-82	Safety pawl.....	11.5	
Safety pawl A safety pawl, an assembly plate and a crane eye in conjunction with a base girder form a shaft platform girder. 	29-150-85	Assembly plate 25.....	11.8	
Assembly plate 25 An assembly plate, a safety pawl and a crane eye in conjunction with a base girder form a shaft platform girder. 				

		Ref.-No.	Description / Application	m ²	kg
Crane eye An assembly plate, a safety pawl and a crane eye in conjunction with a base girder form a shaft platform girder.		29-150-80	..... Crane eye	3.2	
Beam clamp H20 Galvanized. Is used to attach H20 girders to the shaft platform girders.		29-411-62	..... Beam clamp H20	0.9	
Bearing pocket Coated. Is used to form a pocket for the shaft platform girder. A minimum concrete strength of 15 N/mm ² is required when installing the shaft platform girder. The integrated hexagonal nut has thread size M12.		29-151-80	..... Bearing pocket.....	6.5	
Shaft folding bearing plate Coated. Supports wooden or steel shaft girders. Admissible load capacity is 25 kN.		29-410-20	..... Shaft folding bearing plate.....	12.6	
Threaded rod LH Steel. Galvanized and yellow chromated for distinction from threaded rods with right-handed thread (RH). Ø 16 mm. With a 10 cm long left-handed LH thread M16. Together with turnbuckle nuts M16 and attached to L steel angles, the threaded rods LH and RH are used to diagonally brace the platform units. Attachment with hexagonal screws M12x40 and hexagonal nuts M12.		29-009-10	..... Threaded rod 60-LH (yellow / blue head)	1.0	
		29-009-15	..... Threaded rod 70-LH (yellow / red head).....	1.3	
		29-009-20	..... Threaded rod 80-LH (yellow)	1.5	

Threaded rod RH

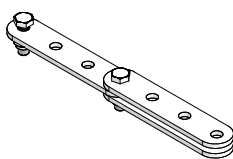
Steel. Galvanized, silver colour. Ø 16 mm. With a 10 cm long right-handed LH thread M16. Together with turnbuckle nuts M16 and attached to L steel angles, the threaded rods LH and RH are used to diagonally brace the platform units. Attachment with hexagonal screws M12x40 and hexagonal nuts M12.



Ref.-No.	Description / Application	m ²	kg
29-009-40	Threaded rod 130-RH (silver / red head)	2.3	
29-009-50	Threaded rod 180-RH (silver / yellow head).....	3.1	
29-009-60	Threaded rod 230-RH (silver / green head).....	3.9	
29-009-70	Threaded rod 280-RH (silver).....	4.7	

Tension rod extension

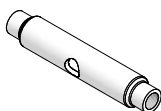
Galvanized flat steel construction. Allows the tension rods to be extended by 20 to 30 cm in increments of 5 cm. Several extensions can be used for the same tension rod. The ledger contains the connecting parts.



29-009-90	Threaded rod extension.....	1.1	
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Turnbuckle nut M16

Steel, galvanized. Is screwed onto the M16 thread. Connects the threaded rods LH and LR, also tensions the tension rod built with the threaded rods. Adjustment range: 10 cm.



29-009-95	Turnbuckle nut M16 MGC	0.4	
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Accessories for attachment

62-030-43	Washer M16, DIN434 galv. (wedge) 18.....	0.1	
63-120-57	Hexagonal screw M12x40, galv., DIN 933	4.6	
63-125-60	Hexagonal nut M12, galv., DIN 934	0.1	

MEVA Stair Tower

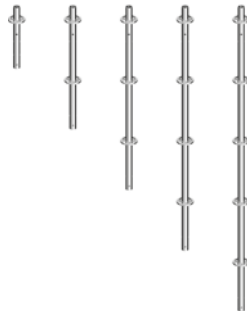
Stair with landing, Alu(minium)

Steps with a rise of 20 cm. Workers can ascend safely and without fatigue even when transporting material. Admissible load: 200 kg/m².



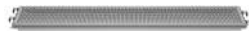
MTT standard

Steel tube, Ø 48.3 x 3.2 mm, hot-dip galvanised, with a punched disc every 50 cm for up to 8 connections. The 4 small recesses are for rectangular connections, the 4 large recesses are for connections at any angle.



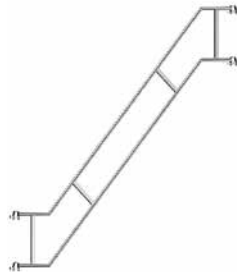
Steel deck 2.57 x 0.32 m

Perforated, antislip, with integrated swivelling safety device that prevents the deck from lifting and tilting. Is suspended on ledgers. The deck fulfills the requirements of the German standard DIN EN 12811.



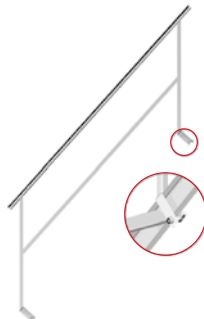
Stair rail

Is used as a fall-down protection.



Internal stair rail

Is used as a fall-down protection.








Midlevel fall down protection MTT

Galvanized. Is used as a fall-down protection for stairs at mid-level.



Ref.-No.	Description / Application	m ²	kg
24-200-10	Starting stair Alu, h = 1.00 m	14.8	
24-200-20	Stair with landing Alu 2.57 x 0.64 m, h = 2.00 m	23.2	
24-200-21	Stair with landing Alu 2.57 x 0.64 m, h = 1.50 m	22.8	
24-200-23	Stair with landing Alu 2.57 x 0.64 m, h = 1.50 m	11.2	
24-200-39	MTT standard 2.50 m	12.2	
24-200-44	MTT standard 2.21 m	11.5	
24-200-40	MTT standard 2.00 m	10.2	
24-200-41	MTT standard 1.50 m	7.8	
24-200-42	MTT standard 1.00 m	5.5	
24-200-43	MTT standard 0.50 m	3.2	
24-200-50	Steel deck	18.9	
24-200-70	Stair rail 2.57, h = 2.00 m	18.1	
24-200-71	Stair rail 2.57, h = 1.50 m	17.0	
24-200-78	Internal stair rail, h = 2.00 m	12.5	
24-200-79	Internal stair rail, h = 1.50 m	11.3	
24-200-80	Internal stair rail, h = 1.00 m	10.2	
24-200-95	Midlevel fall down protection MTT	6.2	

		Ref.-No.	Description / Application	m ²	kg
Stair rail post 1.30 m Is used to attach the 1.90 m ledger, wedge head and U-fork.		24-200-90	Stair rail post 1.30 m.....	6.1	
Stairway guardrail adaptor Is used to attach stair rails when no 1.40 m ledgers are available.		24-202-85	Stairway guardrail adaptor	0.7	
Ledger Steel. Is used to support the steel deck, for bracing and as a railing. The gib and cotter connections ensure the tight and solid connection and central load application between MTT standards and ledgers. The gib and cotter connections provide maximum safety from the moment tower assembly is started because they prevent the loosely inserted ledgers from unhinging. Longitudinal ledgers are not required on steel deck level if the steel deck is protected against lifting and tilting by its safety device.		24-201-10	Ledger 2.57 m	9.4	
		24-201-20	Ledger 1.40 m	5.4	
		24-201-30	Ledger 0.45 m	2.4	
Ledger 1.90 m, wedge head and U-fork Is used as a guard rail on the stair tower's top level.		24-201-40	Ledger 1.90 m, with wedge head and U-fork.....	7.8	
Diagonal brace Steel. The diagonal braces with gib and cotter connections additionally brace the basic tower consisting of MTT standards and ledgers.		24-202-10	Diagonal brace 2.57 m x 2.00 m	9.5	
		24-202-11	Diagonal brace 2.57 m x 2.00 m	8.2	
		24-202-12	Diagonal brace 2.57 m x 2.00 m	7.4	
		24-202-20	Diagonal brace 1.40 m x 2.00 m	7.5	
		24-202-21	Diagonal brace 1.40 m x 2.00 m	6.9	
		24-202-22	Diagonal brace 1.40 m x 2.00 m	5.9	

Ref.-No.	Description / Application	m ²	kg
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Wall tie 0.95 m

Scaffolds and stair towers must be anchored vertically and parallel to the facade of a building. Anchoring must be a pressure-proof and high-tensile. To achieve this, the wall tie 0.95 m must be attached to the MTT standard with a coupler and its Y-sheet be supported by ledger's U-profile.



24-202-50 Wall tie 0.95 m	3.7
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Base spindle 60

With robust and self-cleaning knuckle thread. Colour and groove marks protect the thread from overwinding. Make sure to place the spindle on a basis strong enough to transfer the load. Adjustment range: 41 cm.



24-202-60 Base spindle 60	3.6
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Spindle attachment with wedge head

Secures the base collar and the base spindle 60 against falling off when crane-lifting the stair tower.



24-202-70 Spindle attachment with wedge head	2.0
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Spigot

Is used to connect 2 MTT standards. Attachment with 4 hinged pins, dia. 12 mm.




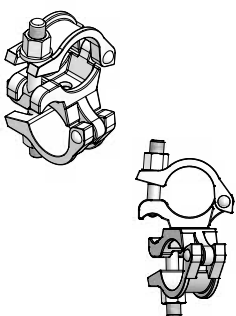

24-202-76 Spigot with half-coupler	1.6
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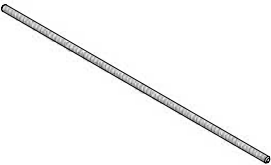
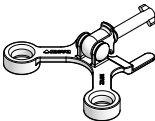
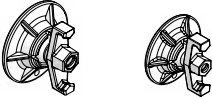


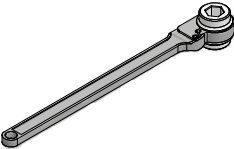
Base collar

The base collar with punched disc and the height-adjustable base spindle 60 are the foot of the tower. When assembling the tower, the MTT standards at the tower's bottom are plugged into the base collars.









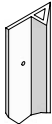

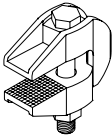
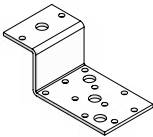
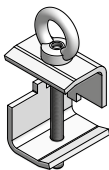
24-202-80 Base collar	1.4
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		Ref.-No.	Description / Application	m ²	kg
Hinged pin, dia. 12 mm Connects the MTT standards with each other.		24-202-90	Hinged pin, dia. 12 mm	0.1	
Rigid / Swivel-joint coupler 48/48 Galvanized. Connects wall tie 0.95 m with the MTT standard (SW 22).		29-412-50	Rigid coupler 48/48	1.1	
		29-412-52	Swivel-joint coupler 48/48	1.2	
Swivel nut M 16 Galvanized. Is used for anchoring at the building wall.		24-202-97	Swivel nut 12x350, galv.	0.4	

	Ref.-No.	Description / Application	m ²	kg
Anchoring parts				
Must not be welded or heated.				
Tie rod				
Uncoated, not weldable. With DW thread. DIN 18216. Ties panels of double-sided formwork and transfers the loads from the support frame into the bottom slab or foundation. Admissible load capacities: Ø 15 mm 90 kN, Ø 20 mm 160 kN, Ø 26,5 mm 250 kN.				
				
	29-900-76	..... Tie rod DW 15/45	0.6	
	29-900-80	..... Tie rod DW 15/90	1.3	
	29-900-90	..... Tie rod DW 15/125	1.8	
	29-901-00	..... Tie rod DW 15/150	2.2	
	29-900-97	..... Tie rod DW 20/120	3.0	
	29-900-75	..... Tie rod DW 26,5/80	3.6	
Tie rod holder				
Galvanised. To hold DW tie rods with articulated flange nut, XT tie rods or XT taper ties. Can be used with horizontal or vertical MEVA wall formwork panels.				
				
	29-927-10	..... Tie rod holder	1.1	
Articulated flange nut				
Forged, galvanized. DIN 18216. DW thread Ø 15 mm (Ø 20 mm), plate Ø 120 mm (140 mm). Max. inclination 10°, SW 27 mm (36 mm). Max. load capacity 90 kN (160 kN). Reduces wear of panel coating.				
				
	29-900-10	..... Articulated flange nut 15/120 (SW 27)	1.8	
	29-900-05	..... Articulated flange nut 20/140	2.4	
Flange nut 100				
Forged, galvanized. DIN 18216. DW thread Ø 15 mm, plate Ø 100 mm, SW 27. Admissible load capacity 90 kN.				
				
	29-900-20	..... Flange nut 100 (SW 27, forged)	0.7	
Drive nut 60				
Galvanized. DIN 18216. DW thread Ø 15 mm, plate Ø 60 mm. Adm. load capacity 90 kN. Is used to anchor the formwork to the ground or a wall connection.				
				
	29-900-23	..... Drive nut 60	0.5	
Spanner				
Inset yellow chromated. Spanner width (SW) 27 mm. Is used to tighten and loosen flange nuts 100, articulated flange nuts 15/120 and flange screws. Is also used for articulated flange nuts 20/140 with SW 36 mm.				
				
	29-800-10	..... Spanner SW 27	1.8	
	29-800-15	..... Spanner SW 36	3.3	

	Ref.-No.	Description / Application	m ²	kg
Hexagonal nut Forged. With DW thread. DIN 18218. Is used to tie the anchors in the bottom slab and to the support frame with a counter plate. Adm. load capacity and SW depend on nut diameter: Ø 15 mm (90 kN, SW 30), Ø 20 mm (160 kN, SW 36), Ø 26,5 mm (250 kN, SW 46).				
	29-900-60	Hexagonal nut 15, galv. (SW 30)	0.2	
	29-900-61	Hexagonal nut 20 (SW 36)	0.5	
	29-900-58	Hexagonal nut 26,5	0.5	
Coupling nut With DW thread. Connect tie rods to the anchor loop when length extension is necessary. Adm. load capacity and SW depend on nut diameter: Ø 15 mm (90 kN, SW 30), Ø 20 mm (160 kN, SW 36), Ø 26,5 mm (250 kN, SW 46).				
	29-900-55	Coupling nut 15 (SW 30)	0.4	
	29-900-50	Coupling nut 20	0.7	
	29-900-56	Coupling nut 26,5	1.4	
Washer plate Galvanized. Is used with tie rods DW 15 and hexagonal nuts 15. Washer 40/80/8 for panels with a frame profile width of 40 mm. Washer 60/100/10 for panels with a frame profile width of 60 mm.				
	29-900-43	Washer plate 40/80/8, galv.	0.2	
	29-900-46	Washer plate 60/100/10, galv.	0.5	
Counter plate Galvanized. Is used with tie rods DW 15, 20 or 26,5 and the appropriate hexagonal nuts to anchor the support frame. Hole Ø 25 mm or 38 mm.				
	29-900-35	Counter plate 120 x 120 x 20/25, galv.	2.1	
	29-900-30	Counter plate 120 x 120 x 20/38, galv.	2.1	
Plastic tube Plastic spacer tube for tie holes. Two cones are also required per tie hole. D22/200: internal Ø 22 mm, external Ø 28 mm, standard length 2,00 m. D30/200: internal Ø 30 mm, external Ø 36 mm, standard length 2,00 m.				
	29-902-30	Plastic tube D22/200	0.4	
	29-902-28	Plastic tube D30/200	0.4	
Cone for plastic tube Available with 10 mm or 30 mm covering.				
	29-902-40	Cone for plastic tube D22/10 (10 mm covering)	12.9	
	29-902-50	Cone for plastic tube D22/30 (30 mm covering)	3.2	
	29-902-55	Cone for plastic tube D30/10	6.5	

		Ref.-No.	Description / Application	m ²	kg
Plug Is used to close tie holes in the wall when plastic tubes D22 or D30 are applied. Two plugs are required per tie hole.		40-130-50	Plug D=16,5/D=15	0.3	
		29-902-70	Plug D22	5.8	
		40-130-60	Plug D=26 mm; L=20 mm	0.3	
		40-130-65	Plug D=30 mm; L=24 mm	0.3	
		29-902-58	Plug D30	2.9	
Concrete and rock anchor DW 15 Uncoated. Adm. load capacity 90 kN depending upon the strength of the concrete or the rock. Before the final load is applied, a test pull has to be made.		29-412-08	Concrete and rock anchor DW 15	0.3	
Water stop Uncoated. Lost part for tie rods DW 15 and DW 20 to produce watertight tie holes. Adm. load capacity depends on diameter: Ø 15 mm (90 kN), Ø 20 mm (160 kN).		29-903-20	Water stop 15	0.6	
		29-903-30	Water stop 20	1.4	
Plug Is used to close unused tie holes. D 20 for EcoAs, AluFix, AluStar and StarTec. D 27/30 for Mammut and Mammut 350.		29-902-63	Plug D20	0.1	
		29-902-62	Plug D20 without imprint	0.1	
		29-902-61	Plug D27/30	0.1	
		29-902-67	Plug D27/30 without imprint	0.2	
		29-902-68	Plug D27 without imprint, flat	0.1	
Concrete cone 56 x 40 To close the holes in the concrete when climbing cones have been removed; used with concrete glue A+B		29-412-67	Concrete cone 56x40	0.3	
Concrete glue A+B Not shown. 2-component concrete glue for fair-faced concrete plugs. Quantity is sufficient for 150 plugs.		53-210-70	Concrete glue (A + B)	1.0	
MEVA chamfer strip 35/10 Not shown. PVC. For column formwork and corner configurations. With rubber lip and strip. Standard length: 3,00 m.		29-902-85	MEVA chamfer strip 35/10, PVC, (l = 3,00 m)	0.2	

		Ref.-No.	Description / Application	m ²	kg
Chamfer strip 15/15, PVC PVC. With perforated strip. 2,50 m long.		29-902-90	..... Chamfer strip 15/15, PVC (L=2,50m)	.....	0.5
Chamfer strip 270 PVC. 15 mm chamfer strip with 12 cm clip to enclose a 12 cm profile. Suited for column formwork built with Mammut, StarTec or AluStar panels. 2,70 m long.		29-902-95	..... Chamfer strip 270	.....	2.0
Flange clamp 40 Galvanized. Is used to connect two steel profiles with flanges. Clamping length 0–40 mm. Width 57 mm.		29-207-35	..... Flange clamp 40	.....	1.2
Z-connector 40 Galvanized. Connects H20 stringers to H20 joists (flange height 40 mm). We recommend using double-headed nails for attachment.		29-207-30	..... Z-connector 40	.....	0.2
Tension belt Not shown. For safety against wind load. 50 mm wide, reinforced loop 200 mm, cranked snap hook with safety flap, DIN EN 12195. Adm. load: 25 kN (straight), 50 kN (strapped). Is attached to climbing bracket KLK or bracket extension and with safety eye to concrete wall. This can be done at the cone from the previous pour.		29-930-10	..... Tension belt with hook and loop	.....	3.8
		29-930-15	..... Tension belt with hook on both ends	.....	3.9
Tension belt clamp H20 Galvanized. Is attached to two wooden girders H20. With eyes to attach the tension belt.		29-930-90	..... Tension belt clamp H20	.....	1.0

	Ref.-No.	Description / Application	m ²	kg
Tensioning chain 8/2500 (5 kN) Not shown. Galvanized. Secures the slab formwork at slab edges and on cantilevering beams. Two tensioning chains and one coupling unit are required. Ø 8 mm, 2,50 m long, load capacity 5 kN. Attention: These chains must not be used as lifting devices.	29-412-12	Tensioning chain 8/2500 (5 kN)		2.9
Coupling unit M16 Not shown. Galvanized. Used with tensioning chain 8/2500. One side with hook, one side with safety eye.	29-412-13	Coupling unit M16		0.9
Pressure gauge Not shown. Measures tractive force of anchors from 250 to 400 kN. Includes compensating plate for tie rods, with 50 mm hole diameter.	29-915-15	Pressure gauge 250 kN		6.4
	29-915-00	Pressure gauge 400 kN		6.4
	29-915-50	Hydraulic steel lift, 32 tonnes		23.0
Wax Not shown. Eases formwork cleaning and is applied to the formwork parts not in contact with the concrete, e.g. panel frames. We recommend spraying the wax all around the panels while they are piled up. It is sufficient to apply the wax after 5–6 re-uses. The forming face is still to be treated with MevaTrenn release agent. Consumption: 1 litre per 10–20 m ² .	29-203-95	Wax (30 l can)		30.0
MevaTrenn classic Universal release agent that can be applied to all types of facing. Usable for civil engineering and building projects as well as in precast concrete factories. Without solvents. Fast biodegradable according to CEC-L-33-A-94. Viscosity is 17 mm ² /s/20°C. Water hazard class 1.	29-931-50	MevaTrenn classic (20 l can)		1.0
	29-931-60	MevaTrenn classic (200 l barrel)		1.1
	29-931-70	MevaTrenn classic (1000 l barrel)		1.0

MevaTrenn pro

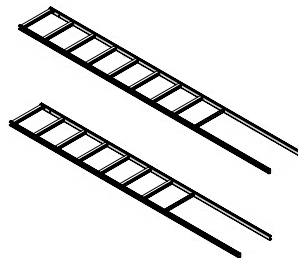
Not shown. Suited for absorbent and non-absorbent forming faces. Solvent-based. Evaporates when applied, leaving a very thin film of release agent on the facing. Especially recommended for formwork with alkus facing (apply sparingly by using the stainless steel jet). Water hazard class 1, i.e. generally not hazardous to water. Consumption: 1 litre for approx. 50–90 m².

Sprayer

Not shown. To allow for an even and sparing spraying of the forming surface, suited for (5 litre) MevaTrenn and wax.

Ladder

Galvanized. Provides access to the secondary platforms. Is attached to the access hatch KLK. Attachment to the climbing bracket is achieved with ladder fixtures. Can be extended with extension ladders. Safety cages are required for operational safety.



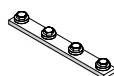
Extension ladder

Galvanized. For height extension. Is attached to the ladder by using the ladder link KLK. The extension ladder must be secured with ladder fixture KLK. Additional extension in increments of 30 cm by hooking an extension ladder into the appropriate step.

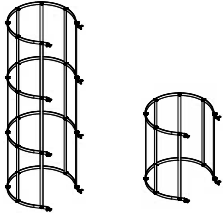
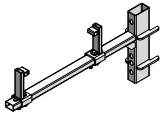
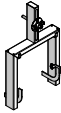
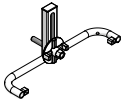
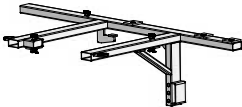



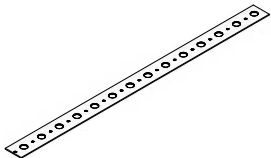
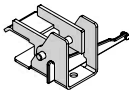

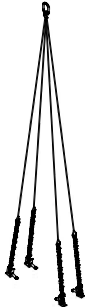
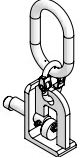
Ladder connector

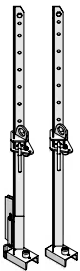
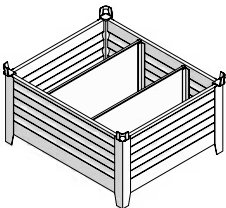
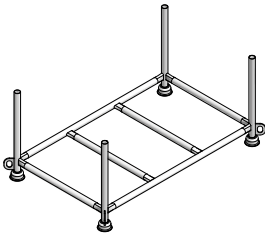

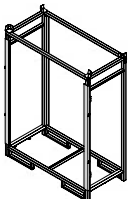
Galvanized. Connects 2 ladders at the joint without the need to hook one ladder into a step of the other.



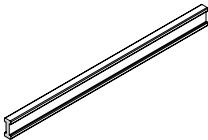
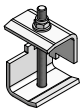
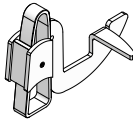
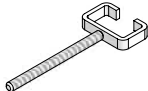
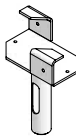
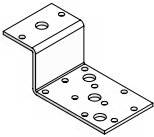
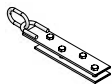
Ref.-No.	Description / Application	m ²	kg
29-203-45	MevaTrenn pro (20 l can)	1.0	
29-203-97	MevaTrenn pro (200 l barrel)	0.9	
29-203-98	MevaTrenn pro (1000 l barrel)	1.0	
29-203-99	Tap for barrel	0.2	
29-203-49	Tap for 20 l can	0.3	
29-903-71	MevaSprayer	5.5	
29-203-94	Stainless steel jet	0.1	
29-903-75	MevaTrenn brass spray nozzle	0.1	
29-414-50	Ladder 348	23.2	
29-414-55	Ladder 318	21.1	
29-416-50	Ladder 243	17.2	
29-416-52	Extension ladder 270	19.2	
29-414-60	Extension ladder 210	15.9	
29-416-55	Extension ladder 120	8.5	
29-416-60	Extension ladder 90	7.4	
29-416-62	Extension ladder 60	4.4	
29-414-70	Ladder connector	1.0	

	Ref.-No.	Description / Application	m ²	kg
Safety cage Galvanized. Internal Ø 70 cm. Protects workers when ascending and descending. The safety cages are attached to the ladders or extension ladders with the integrated hammerhead screws.	29-414-85	Safety cage 210	27.9	
	29-414-90	Safety cage 85	12.0	
	29-416-90	Safety cage 40	8.2	
				
Ladder fixture 33/45 Galvanized. Is attached to the multi-function profile of the wall formwork panel with a flange screw 18. When used for formwork heights from 350 cm to 450 cm, the STB 450 support frame requires three ladders fixtures 33/45. For formwork heights exceeding 450 cm, contact the MEVA application engineering.	29-404-35	Ladder fixture 33/45	6.4	
				
Ladder fixture panel top Galvanized. Attached to the multi-function profile at the top of the horizontal or vertical panel to hold the ladder or extension ladder.	29-416-82	Ladder fixture panel top	7.9	
				
Ladder fixture panel bottom Galvanized. Attached to the multi-function profile at the bottom of the horizontal or vertical panel to hold the ladder or extension ladder.	29-416-84	Ladder fixture panel bottom	2.4	
				
Cantilever angle 100/125 Galvanized. Is attached to the M 350 column panel with 2 transport devices M 24/160 through the transport hole. The CF access platform is secured with the integrated hammer head screw.	29-404-25	Cantilever angle 100/125	32.8	
				
Transport device M 24/160 Is used for the vertical transport of M 350 column panels and screwed through the transport holes.	29-404-30	Transport device M 24/160	2.8	
				

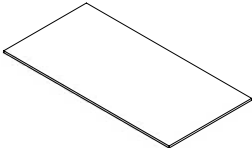
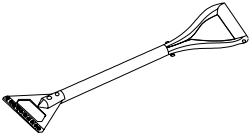


	Ref.-No.	Description / Application	m ²	kg
Foundation tape Galvanized. Hole spacing 50 mm, hole Ø 16 mm, length 50. Adm. tractive force 10 kN. To be cut at hole center. Serves together with the appropriate tensioner as bottom anchoring when panels are assembled in horizontal position. 	29-307-50	..... Foundation tape 50 m	20.0	
Tensioner for foundation tape Galvanized. Connects the foundation tape to the formwork panels and serves as bottom anchoring when panels are assembled in horizontal position. Two tensioners are required per anchoring position. 	29-307-70	..... Tensioner AS/ST for foundation tape	1.4	
	29-307-60	..... Tensioner M for foundation tape	1.5	
	29-307-75	..... Tensioner EA for foundation tape	1.3	
Trolley for foundation tape Not shown. Is used to transport and cut foundation tapes to length. Suitable for one roll Pneumatic wheels.	29-307-55	..... Trolley for foundation tape	21.8	
Safety bolt Secures stacked panels. 	40-131-10	..... Safety plug AS/ST stacks, black	19.0	
	40-131-15	..... Safety plug ST 270/240 stacks, grey	19.0	
	40-131-20	..... Safety plug M stacks, black	22.0	
	40-131-25	..... Safety plug M 350/250 stacks, grey	22.0	
Crane slings Four polyester ropes, 5 m long. With 60 cm lifting chain and four lifting hooks. Max. load capacity 20 kN (2 tons). Is used load and unload trucks and to move panel stacks near the ground. 	29-401-44	..... Crane slings 40	21.0	
	29-401-45	..... Crane slings 60	22.0	
Lifting hook Galvanized. Allows any 4-rope crane slings available on site to be used to move the panel stacks. Always use 4 hooks at a time. Max. load capacity 10 kN (1 ton) per lifting hook. Max. weight of a panel stack 2 tons. Refer to the lifting hook Operating Instructions for application and safety test. 	29-401-42	..... Lifting hook 40	1.6	
	29-401-40	..... Lifting hook 60	1.7	

	Ref.-No.	Description / Application	m ²	kg
Transport angle Is used to stack and transport 5 to 12 frame formwork panels. Distance between holes depends on construction height of the panels: 10 cm, 12 cm or 14 cm. Max. load capacity 10 kN per angle. For safety reasons consider 20 kN as max. capacity for the whole stack. We recommend using 2 foldable angles and 2 angles of the rigid type per stack.	29-305-10	..... Transport angle 10	16.0	
	29-305-15	..... Transport angle 10, rigid type.....	10.4	
	29-305-20	..... Transport angle 12	16.5	
	29-305-25	..... Transport angle 12, rigid type.....	12.7	
	29-305-30	..... Transport angle 14	17.0	
	29-305-35	..... Transport angle 14, rigid type.....	12.9	
				
Storage box 120/100 Coated. Stackable. Can be used to store assembly locks, anchoring parts and other accessories. With removable partitions and a hinged front part. Stacking height 60 cm.	27-000-10	..... MEVA storage box 120/100	102.0	
				
Stacking rack Coated. Is used to store and transport props, wooden girders, etc.	27-000-20	..... Stacking rack	34.5	
				
Swivel-type castor 100 Four swivel-type castors 100 are required to move panel stacks either with transport angles 10, 12 or 14 or with the MD transport rack. Load capacity per castor: 1 kN. Total height of stack including castors is 2,10 m for transport angles 14 and 2,45 m for MD transport rack.	29-305-95	..... Swivel-type castor 100	1.2	
				
MD transport rack Galvanized. Can be used to stack and transport up to 14 MD panels 160 x 80 cm. Two transport racks can be stacked one upon the other. L x W x H: 175 x 82 x 232 cm.	27-000-60	..... MD-transport rack	128.0	
				

Formwork girder / Shuttering panel

	Ref.-No.	Description / Application	m ²	kg
Formwork girder H20 Robust, all-purpose girder for different tasks. High load-bearing capacity with only low weight, approved by building authorities; adm. Q = 11 kN; adm. M = 5 kNm.				
	29-206-02	Formwork girder H20/245.....	12.3	
	29-206-05	Formwork girder H20/290.....	14.5	
	29-206-10	Formwork girder H20/330.....	16.5	
	29-206-20	Formwork girder H20/390.....	19.5	
	29-206-30	Formwork girder H20/450.....	22.5	
	29-206-45	Formwork girder H20/490.....	24.5	
	29-206-48	Formwork girder H20/590.....	29.5	
Beam clamp H20/H20 Galvanized. Is used to attach planks or cross beams to H20 beams when using slab tables.				
	29-411-64	Beam clamp H20/H20	0.9	
Connector Clip H20 Galvanized. Is used to connect wooden H20 girders to each other. The wedge locks the girders into place and releases them.				
	29-930-85	Connector Clip H20	0.7	
Safety clamp H20 Galvanized. DW thread Ø 15 mm. Connects wood girders with steel profiles, e.g. alignment rails. A flange nut 100 is also required. Thread 22 cm long.				
	29-401-17	Safety clamp H20.....	0.7	
Beam clamp H20 Galvanized. Is used to position intermediate props below H20 girders. Is attached to Eumax props with pin 14/90 or to MEP props with pin 14/135.				
	29-907-00	Beam clamp H20	0.8	
Z-connector 40 Galvanized. Connects H20 stringers to H20 joists (flange height 40 mm). We recommend using double-headed nails for attachment.				
	29-207-30	Z-connector 40	0.2	
Crane eye for H20-girders Galvanized. Is bolted to H20 girder with four bolts M20 x 75. Load capacity 20 kN (2 t).				
	29-206-80	Crane eye for H20-girders.....	9.5	

Formwork girder / Shuttering panel

	Ref.-No.	Description / Application	m ²	kg
Shuttering panel 3S Three-layer plywood, 21 mm thick. With resistant coating on both sides. Good pore structure of the concrete due to absorbent surface. 	29-324-30	Shuttering panel 3S 250/ 50	1.25	11.8
	29-324-20	Shuttering panel 3S 200/ 50	1.00	9.5
	41-324-10	Shuttering panel 3S 150/ 50	0.75	8.0
	41-324-00	Shuttering panel 3S 100/ 50	0.50	5.5
	41-324-25	Shuttering panel 3S 200/100	2.00	21.0
	41-324-35	Shuttering panel 3S 250/100	2.50	26.0
	41-324-60	Shuttering panel 3S 300/100	3.00	31.0
Shuttering panel 7S Not shown. Multi-layer plywood, 21 mm thick. Film-coated on both sides, edge protection.	41-324-40	Shuttering panel 7S 250/125	3.13	33.0
Concrete scraper With 6 or 10 replaceable hard-metal plates and steel ledge. Wooden stick (ash-tree) with handle. 	29-905-25	Concrete scraper 102/1300		1.5
	29-905-30	Concrete scraper 170/ 850		1.6
	29-905-15	Concrete scraper 110/1300 alkus		0.8
	29-905-17	Concrete scraper 54/1300		1.2
	29-905-20	Concrete scraper 170/1300		1.9
Spare ledge Not shown. Replaceable steel ledge.	29-905-40	Spare ledge 170		0.1
	29-905-45	Spare ledge 102		0.1
Hard-metal plates Not shown. Set of 6 spare plates with bolts and nuts.	29-905-35	Hard-metal plates		0.1
Cleaning scraper Galvanized. With chisel. Is used to clean the groove of MD primary beams. The chisel can be used as spare part. 	29-905-90	MD-cleaning scraper		2.8
Spare blade for cleaning scraper Not shown. Replaces used blade of the cleaning scraper. 	40-092-55	Spare blade for cleaning scraper		0.1

Formwork girder / Shuttering panel

Complete alkus-repair set

A complete set for the repair of alkus facing. All items can also be ordered separately.



Ref.-No.	Description / Application	m ²	kg
29-912-00	alkus repair kit	21.8	
29-912-01	Complete alkus repair kit 230 V	42.8	
29-912-40	Munsch Mini Extruder, 230 V, 4 mm PP, incl. welding shoe	5.5	
29-912-98	alkus Suspension arrangement for Mini extruder	0.2	
29-912-20	Metabo paint stripper	2.2	
29-912-22	Spare blade for Metabo paint stripper	0.1	
29-912-30	Fein drilling machine	3.7	
29-912-35	Drill stand GDP 320	3.4	
29-912-50	Special step drill Ø 35/25	0.1	
29-912-55	HM cylinder head drill Ø 35	0.1	
29-912-75	Side cutting pliers	0.2	
29-912-80	Depth gauge 6 mm		
29-912-90	Tool to remove rivets	0.4	
40-092-60	Head for tool to remove rivets	0.1	
29-912-70	Scraper	0.1	
29-912-92	alkus Alu-cone, Ø 22/20 mm, length 70 mm	0.1	
45-010-16	alkus AS-conical tube, Ø 29/24 mm, length 103 mm	0.1	
29-912-65	Picard Claw-hammer	0.8	
29-912-66	Forum soft-head hammer, blow-back proof	1.1	
29-913-10	Repair plug 23	0.3	
29-913-15	Repair plug 20	0.3	
29-913-20	Repair plug 17	0.3	
29-913-25	Repair patch D 35	0.1	
29-912-97	Welding wire PP, agate grey, 20 m	0.2	
29-912-67	Protective glasses classic	0.2	
29-912-68	Protective gloves H+	0.2	
28-506-00	Rotation cleaner STR 702	65.0	
29-916-10	alkus Drive disc incl. hook-and-loop fastener	4.1	
29-916-15	alkus Hose holder, with tap	1.0	
28-502-30	Cleaning patch	0.1	
28-502-35	Cleaning pad Ø 406 mm	0.1	
28-506-10	Additional weight for rotation cleaner	24.0	
28-506-05	Rotation cleaner STR 702 complete set	95.0	
28-506-90	Cleaning brush d = 420 mm	4.1	
28-506-95	Formwork paste S10	10.0	

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