



Formwork Order Catalogue



Wall Formwork

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Wall formwork

EcoAs

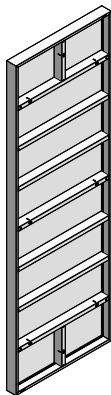


Wall formwork

EcoAs

EcoAs panels

Galvanized and post-treated. 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. The EcoAs is optionally covered with an alkus board or a multi-layer wood board (birch ply BP). All around grooves and EA assembly locks guarantee a tight and perfectly aligned stepless panel connection. Conical anchor sleeves are welded into the frames. Multi function profiles allow for an easy, fast and safe attachment of accessories.



Ref.-No.	Description / Application	m ²	kg
21-703-11...	EcoAs AL.....300/100	3.00	101.5
21-703-21 ...	EcoAs AL.....300/ 80	2.40	86.0
21-703-46 ...	EcoAs AL.....300/ 55	1.65	68.5
21-703-61 ...	EcoAs AL.....300/ 40	1.20	55.0
21-703-76 ...	EcoAs AL.....300/ 25	0.75	41.0
21-700-21 ...	EcoAs AL.....240/ 80	1.92	68.0
21-700-46 ...	EcoAs AL.....240/ 55	1.32	53.5
21-700-51 ...	EcoAs AL.....240/ 50	1.20	51.0
21-700-56 ...	EcoAs AL.....240/ 45	1.08	48.0
21-700-61 ...	EcoAs AL.....240/ 40	0.96	40.5
21-700-76 ...	EcoAs AL.....240/ 25	0.60	32.0
21-705-21 ...	EcoAs AL.....160/ 80	1.28	47.0
21-705-46 ...	EcoAs AL.....160/ 55	0.88	37.0
21-705-51 ...	EcoAs AL.....160/ 50	0.80	36.0
21-705-56 ...	EcoAs AL.....160/ 45	0.72	33.5
21-705-61 ...	EcoAs AL.....160/ 40	0.64	27.5
21-705-76 ...	EcoAs AL.....160/ 25	0.40	21.5

Wall formwork

EcoAs

21-710-21 ... EcoAs AL.....	120/ 80	0.96	37.0
21-710-46 ... EcoAs AL.....	120/ 55	0.66	30.0
21-710-51 ... EcoAs AL.....	120/ 50	0.60	28.5
21-710-56 ... EcoAs AL.....	120/ 45	0.54	27.0
21-710-61 ... EcoAs AL.....	120/ 40	0.48	21.0
21-710-71 ... EcoAs AL.....	120/ 30	0.36	18.0
21-710-76 ... EcoAs AL.....	120/ 25	0.30	16.5
21-715-61 ... EcoAs AL.....	80/ 40	0.32	15.0

EcoAs BP

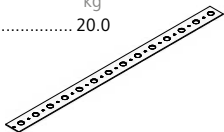
Eco As BP panels are equipped with birch ply.

Ref.-No.	Description / Application	m ²	kg
21-703-10....	EcoAs BP.....300/100	3.00	95.0
21-703-20 ...	EcoAs BP.....300/80	2.40	81.5
21-703-45 ...	EcoAs BP.....300/55	1.65	65.0
21-703-60 ...	EcoAs BP.....300/40	1.20	52.0
21-703-75 ...	EcoAs BP.....300/25	0.75	39.5

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.

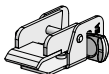
Ref.-No.	Description / Application	kg
29-307-50 ...	Foundation tape 50 m.....	20.0



Wall formwork

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	kg
29-307-75	... Tensioner EA for foundation tape	1.3

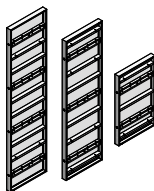
Trolley for foundation tape

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

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

EcoAs AL Column panel

Steel, galvanized. Four tie holes per panel heights 350, three tie holes per panel heights 300 cm and two tie holes per panel heights 150 cm with unperforated alkus facing. Equipped with perforated profiles for tensioning screws M350/EA. Can be used for column formwork up to 75 cm (adjustment in 5 cm increments) and for pilasters, connections to existing walls, hinged corners, etc.

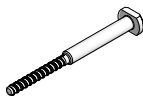


Ref.-No.	Description / Application	m ²	kg
21-704-86	... EcoAs AL-CP.....350/90	3.15	133.1
21-704-91	... EcoAs AL-CP.....300/90	2.70	115.1
21-704-96	... EcoAs AL-CP.....150/90	1.35	65.8
21-704-85	... EcoAs BP-CP.....350/90	3.15	129.6
21-704-90	... EcoAs BP-CP.....300/90	2.70	112.1
21-704-95	... EcoAs BP-CP.....150/90	1.35	64.3

Wall formwork

Tension screw M 350/EA

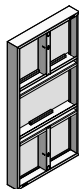
Galvanized. Connects column panels. A flange nut 100 or an articulated flange nut 15/120 is also required.



Ref.-No.	Description / Application	kg
29-402-98 ...	Tension screw M350/EA	0.9

EcoAs Multipurpose panel

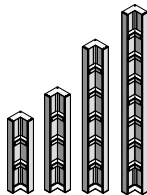
With perforated profiles to be used as column formwork or to concrete pilasters, stop ends, connections to existing walls, corner configurations, etc. Is used in connection with stop end fixture 23/40.



Ref.-No.	Description / Application	m ²	kg
21-720-51 ...	EcoAs AL-MPP.....120/60	0.72	33.5

EcoAs inside corner

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



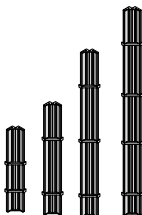
Ref.-No.	Description / Application	m ²	kg
21-724-10....	EcoAs AL-IC.....300/25	1.50	31.3
21-724-20 ...	EcoAs AL-IC.....240/25	1.20	25.2
21-724-30 ...	EcoAs AL-IC.....160/25	0.80	17.3
21-724-40 ...	EcoAs AL-IC.....120/25	0.60	13.4

Wall formwork

EcoAs

EcoAs outside corner

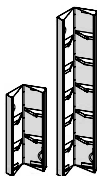
Aluminium with high-quality annealed plastic coating. Facing 5 cm wide on both sides, integrated chamfer strip. Provides together with EcoAs panels and EA assembly locks a fast and tight outside corner assembly for 90° angles.



Ref.-No.	Description / Application	m ²	kg
21-725-75 ... EcoAs OC	300.....	0.30	15.6
21-725-85 ... EcoAs OC	240.....	0.24	13.0
21-725-90 ... EcoAs OC	160.....	0.16	9.0
21-725-95 ... EcoAs OC	120.....	0.12	6.5

EcoAs hinged inside corner

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



Ref.-No.	Description / Application	m ²	kg
21-726-30 ... EcoAs HIC	240/30	1.44	57.0
21-726-40 ... EcoAs HIC	120/30	0.72	29.0

EcoAs hinged outside corner

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



Ref.-No.	Description / Application	m ²	kg
21-726-50 ... EcoAs HOC	240.....	0.36	40.0
21-726-60 ... EcoAs HOC	120.....	0.18	20.2

Wall formwork

EA assembly lock

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

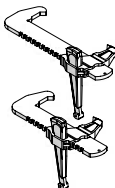
Ref.-No.	Description / Application	kg
29-205-50	EA-assembly lock	1.5



Uni-assembly lock

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

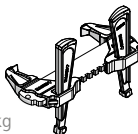
Ref.-No.	Description / Application	kg
29-400-85	Uni-assembly lock 22	3.6
29-400-90	Uni-assembly lock 28	3.9



RS-assembly lock

Galvanized, For stepless length compensation.
Clamping length is 11.9 to 20.5 cm for stepless compensation.

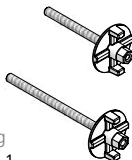
Ref.-No.	Description / Application	kg
23-807-70	RS-assembly lock	4.7



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.

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



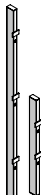
Wall formwork

EcoAs

EA steel filler

Completely made of steel, primed and cavity-sealed, with tie holes. For length adjustment of 5 cm, particularly in corners. 2 or 3 Uni-assembly locks are required for each filler.

Ref.-No.	Description / Application	m ²	kg
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.

Ref.-No.	Description / Application	m ²	kg
21-726-20 ...	EA-compensation plate 120/20	0.24	11.8



Dismantling auxiliary 120

Diagonally divided timber filler, 10 cm wide, 120 cm high. 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.

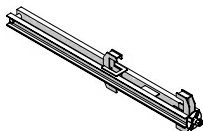
Ref.-No.	Description / Application	kg
29-306-20 ...	Dismantling auxiliary 120	7.2



Wall formwork

Stop end bracket

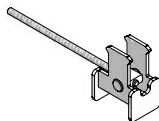
Galvanized. Is used to form stop ends. Stop end bracket 23/40 for wall thickness up to 35. Stop end bracket 60/23 for wall thickness up 75 cm.



Ref.-No.	Description / Application	kg
29-105-45	... Stop end bracket 23/40	12.2
29-105-60	... Stop end bracket 2.5' - 60/23	20.0

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	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).

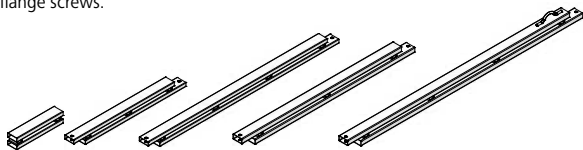
Ref.-No.	Description / Application	kg
29-902-63	... Plug D20	0.2
29-902-62	... Plug D20 without imprint	0.2



Wall formwork

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.



Ref.-No.	Description / Application	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
29-400-92	...M-alignment rail 180, galv.....	24.8
29-402-50	...M-alignment rail 250, galv.....	34.5

Support angle for walkway brackets

Galvanized. Is used to support a walkway bracket if the DW-nut on the multi-function profile is covered by an alignment rail. In this case the mounting bracket is fixed to the panel through the alignment rail by a separate flange screw.



Ref.-No.	Description / Application	kg
29-106-95	...Support angle for walkway brackets.....	3.3

Tie rod DW 15/90

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

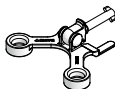


Ref.-No.	Description / Application	kg
29-900-80	...Tie rod DW 15/90.....	1.3

Wall formwork

Tie rod fixture

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.



Ref.-No.	Description / Application	kg
29-927-05 ...	Tie rod fixture Ø35	1.2

Plastic tube

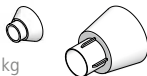
Plastic spacer tube for tie holes. Two cones are also required per tie hole. D22/200: internal Ø 22 mm, external Ø 28 mm, standard length 2.00 m.



Ref.-No.	Description / Application	kg
29-902-30 ...	Plastic tube D22/200	8.8

Cone for plastic tube

Available with 10 mm or 30 mm covering.



Ref.-No.	Description / Application	kg
29-902-40 ...	Cone for plastic tube D22/10 (10 mm covering)	13.0
29-902-50 ...	Cone for plastic tube D22/30 (30 mm covering)	3.3

Plug

Is used to close tie holes in the wall when plastic tubes D22 or D32 are applied. Two plugs are required per tie hole.



Ref.-No.	Description / Application	kg
29-902-70 ...	Plug D22	6.0

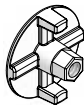
Wall formwork

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).

Ref.-No.	Description / Application	kg
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.

Ref.-No.	Description / Application	kg
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 nut 100, articulated flange nut 15/120 and flange screw.

Ref.-No.	Description / Application	kg
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.

Ref.-No.	Description / Application	kg
29-900-23 ...	Drive nut 60	0.5



Wall formwork

Tie claw 23

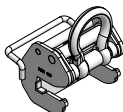
Galvanized. Permits tying (with tie rod DW 15 and flange nut 100) directly above or beside EcoAs and AluFix panels.



Ref.-No.	Description / Application	kg
29-901-44 ...	Tie claw 23.....	0.2

EA/AF-Crane hook

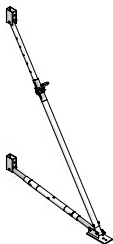
Coated. Is used to move and crane-gang AluFix and EcoAs panels. Self-locking. Load capacity 6 kN (600 kg). Always two crane hooks required per gang. Refer to the crane hook Operating Instructions for application and safety test.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
29-109-20 ...	Brace frame 250 with formwork-prop connector.....	31.5

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.

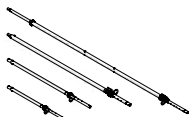


Ref.-No.	Description / Application	kg
29-804-85 ...	Formwork-prop connector	1.7

Wall formwork

Push-pull prop R

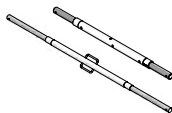
Galvanized. Guarantee tensile and compression strength. Align and brace wall formwork. Length of thread 20.6 cm. Foot plates and formwork-prop-connectors to be ordered separately.



Ref.-No.	Description / Application	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

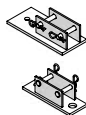
Galvanized. Guarantee tensile and compression strength. With right-hand and left-hand spindle and revolving centre part. Align and brace wall formwork. Foot plates and formwork-prop-connectors to be ordered separately.



Ref.-No.	Description / Application	kg
29-108-80 ...	Brace SRL 120(90-150).....	8.8
29-108-90 ...	Brace SRL 170(120-220)	11.5

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.



Ref.-No.	Description / Application	kg
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

Wall formwork

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.



Ref.-No.	Description / Application	kg
29-802-48 ...	Articulated foot plate (RS Ø to 57 mm).....	2.3

Head bolt 16/90

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



Ref.-No.	Description / Application	kg
42-413-50 ...	Head bolt 16/90, galv.	0.2

Cotter pin 4

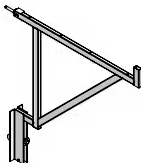
Galvanized. Locks the head bolt.



Ref.-No.	Description / Application	kg
62-010-04 ...	Cotter pin D=4	0.5

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 cm. MEVA Guardrailing post is also required. Bracket spacing depends on type of planking (DIN 4420).

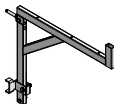


Ref.-No.	Description / Application	kg
29-106-00 ...	Walkway bracket 90 (yellow), galv.	10.3

Wall formwork

Walkway bracket 65

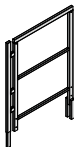
Galvanized, pluggable. Adapted in particular to AluFix and EcoAs. Is used as working and safety scaffold. Is plugged into the multi-function profile while the sliding part rests on the cross stiffener – no flange screw needed. The planking can be mounted to the brackets. Working width approx. 65 cm. A MEVA guard-railing post is required in addition. Bracket spacing depends on type of planking (DIN 4420).



Ref.-No.	Description / Application	kg
29-106-15....	Walkway bracket 65.....	4.8

Side railing

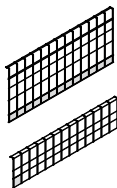
Galvanized. Is plugged into the walkway bracket.



Ref.-No.	Description / Application	kg
29-108-20 ...	Side railing 90/100, galv.	12.3

Safety mesh

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.



Ref.-No.	Description / Application	kg
29-920-00 ...	Safety mesh 1100/2490	15.0
29-920-05 ...	Safety mesh 600/2490	9.8

Wall formwork

EcoAs

Guardrailing post

Galvanized. Is plugged into the walkway bracket.

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



Guardrailing post 48

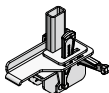
Galvanized. With manifold to be plugged into the walkway bracket and with 48 mm Ø tube to attach scaffold couplers.

Ref.-No.	Description / Application	kg
29-106-80 ...	Guardrailing post 48/120 (UK)	5.5



Tilting bracket 23

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 23 mm.

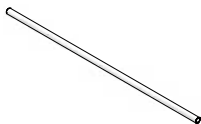


Ref.-No.	Description / Application	kg
29-920-84 ...	Tilting bracket 23	4.8

Scaffold tube

Galvanized. Is used as handrail in combination with guardrailing post 48.

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



Wall formwork

Swivel-joint coupler 48/48

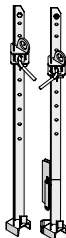
Galvanized. Connects 2 scaffold tubes with 48.3 mm Ø at any angle.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
29-305-10	... Transport angle 10	16.0
29-305-15	... Transport angle 10, rigid type.....	10.4

Safety plug stacks

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

Ref.-No.	Description / Application	kg
40-131-10	 Safety plug AS/ST stacks, black.....	19.0



Ladder access

see Mammut XT page 122

Wall formwork

AluFix



Wall formwork

AluFix

AluFix AL panels

Construction height 10 cm, frame profile width 23 mm. Four tie holes per panel height 350 cm, three tie holes per panel height 300, 270 and 250 cm, two tie holes per panel height 150 and 135 cm. The frames of the AF panels are made of closed 3-chamber aluminium profiles and hence torsion-proof. They are easy to clean thanks to their high-quality annealed powder coating. AluFix AL panels can be ordered with alus face or plywood (birch ply). All-around grooves and EA assembly locks guarantee a tight and perfectly aligned panel connection. Anchor sleeves are welded into the frames. Multi-function profiles allow for an easy, fast and safe attachment of accessories. For use on foundations AF-panels 90 cm and 75 cm wide have an additional recessed tie hole.

Ref.-No.	Description / Application	m ²	kg
22-133-10...	AluFix AL.....350/90	3.15	62.5
22-133-25 ...	AluFix AL.....350/75	2.63	53.7
22-133-45 ...	AluFix AL.....350/55	1.93	41.4
22-133-55 ...	AluFix AL.....350/45	1.58	35.5
22-133-60 ...	AluFix AL.....350/40	1.40	32.7
22-133-75 ...	AluFix AL.....350/25	0.88	24.2
22-134-10...	AluFix AL.....300/90	2.70	52.9
22-134-25 ...	AluFix AL.....300/75	2.25	46.0
22-134-45 ...	AluFix AL.....300/55	1.65	36.8
22-134-55 ...	AluFix AL.....300/45	1.35	32.8
22-134-60 ...	AluFix AL.....300/40	1.20	29.6
22-134-75 ...	AluFix AL.....300/25	0.75	21.4
22-137-10...	AluFix AL.....270/90	2.43	47.7
22-137-25 ...	AluFix AL.....270/75	2.03	41.3
22-137-45 ...	AluFix AL.....270/55	1.49	31.7
22-137-55 ...	AluFix AL.....270/45	1.22	27.2
22-137-60 ...	AluFix AL.....270/40	1.08	25.0
22-137-75...	AluFix AL.....270/25	0.68	18.6
22-138-10...	AluFix AL.....250/90	2.25	45.2
22-138-25 ...	AluFix AL.....250/75	1.88	38.1



Wall formwork

AluFix

22-138-45 ... AluFix AL.....	250/55	1.38	29.9
22-138-55 ... AluFix AL.....	250/45	1.13	25.7
22-138-60 ... AluFix AL.....	250/40	1.55	23.6
22-138-75 ... AluFix AL.....	250/25	0.63	17.4



22-135-10.... AluFix AL.....	150/90	1.35	27.4
22-135-25 ... AluFix AL.....	150/75	1.13	23.3
22-135-45 ... AluFix AL.....	150/55	0.95	18.6
22-135-55 ... AluFix AL.....	150/45	0.68	16.4
22-135-60 ... AluFix AL.....	150/40	0.60	14.9
22-135-75 ... AluFix AL.....	150/25	0.38	10.1

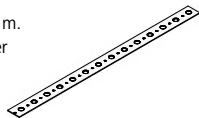


22-139-10.... AluFix AL.....	135/90	1.22	24.1
22-139-25 ... AluFix AL.....	135/75	1.01	20.7
22-139-45 ... AluFix AL.....	135/55	0.74	16.3
22-139-55 ... AluFix AL.....	135/45	0.61	14.0
22-139-60 ... AluFix AL.....	135/40	0.54	12.8
22-139-75 ... AluFix AL.....	135/25	0.34	9.5



Foundation tape

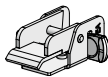
Galvanized. Hole spacing 50 mm, hole Ø 16 mm, length 50 m.
Adm. tractive force 10 kN. To be cut at hole center. Together with the appropriate tensioner it serves as bottom tie when panels are assembled in horizontal position.



Ref.-No.	Description / Application	kg
29-307-50 ...	Foundation tape 50 m.....	20.0

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.



Ref.-No.	Description / Application	kg
29-307-75 ...	Tensioner EA for foundation tape	1.3

Wall formwork

Trolley for foundation tape

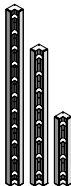
Not shown. Galvanized. Is used to transport and cut foundation tape to length. Suitable for one roll. Pneumatic wheels.

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

AluFix inside corner

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

Ref.-No.	Description / Application	m ²	kg
22-154-05 ...	AluFix AL-IC.....350/20	1.40	30.8
22-154-10....	AluFix AL-IC.....300/20	1.20	26.1
22-154-15....	AluFix AL-IC.....270/20	1.08	23.8
22-154-25 ...	AluFix AL-IC.....250/20	1.00	22.0
22-154-30 ...	AluFix AL-IC.....150/20	0.60	13.6
22-154-35 ...	AluFix AL-IC.....135/20	0.54	12.9



AluFix outside corner

Aluminium. With annealed powder coating. Provides a tight outside corner assembly for 90° angles when used together with AluFix panels and EA assembly locks.

Ref.-No.	Description / Application	kg
22-150-01 ...	AluFix OC350.....	10.7
22-150-02 ...	AluFix OC300.....	9.2
22-150-03 ...	AluFix OC270.....	8.2
22-150-06 ...	AluFix OC250.....	7.6
22-150-12....	AluFix OC150.....	4.7
22-150-14....	AluFix OC135.....	4.3



Wall formwork

AluFix

AluFix 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.



Ref.-No.	Description / Application	m ²	kg
22-151-90 ... AluFix HIC	150.....	0.60	35.0
22-151-92 ... AluFix HIC	135.....	0.54	30.6

AluFix hinged outside corner

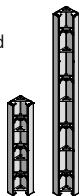
Steel construction with steel sheeting. Primed and cavity-sealed.
Side length 1.5 cm. Adjustable angle 0° - 120°.



Ref.-No.	Description / Application	m ²	kg
22-151-70.... AluFix HOC	150.....	0.04	20.5
22-151-72.... AluFix HOC	135.....	0.04	18.3

AluFix 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	kg
22-151-00 ... AluFix SC	350/25	125.5
22-151-10.... AluFix SC	300/25	106.8
22-151-12.... AluFix SC	270/25	97.7
22-151-15.... AluFix SC	250/25	91.6
22-151-20 ... AluFix SC	150/25	57.7
22-151-25 ... AluFix SC	135/25	49.7

Wall formwork

Adhesive tape, red

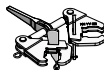
Not shown. Reinforced adhesive tape, red, 50 mm wide, 50 running metres.

Total thickness: 270 µm. Natural rubber adhesive on one side. PE-coated.

Ref.-No.	Description / Application	kg
41-912-10	... Adhesive tape 50 m, red	0.8

AluFix SC Tools

Complete tool for activating/operating the AluFix ASE, adjustment range 232 - 322 mm. Consists of 1 pc. each: Formwork-prop connector for stripping corner left, Formwork-prop connector for stripping corner right, Ratchet load tensioner 232-322.



Ref.-No.	Description / Application	kg
29-306-15	... AluFix SC Tools	5.5

AluFix BP panels

The AluFix BP panels are equipped with birch-ply facing.

Ref.-No.	Description / Application	m ²	kg
22-133-09	... AluFix BP 350/90	3.15	58.1
22-133-24	... AluFix BP 350/75	2.63	49.0
22-133-44	... AluFix BP 350/55	1.93	38.7
22-133-54	... AluFix BP 350/45	1.58	33.3
22-133-59	... AluFix BP 350/40	1.40	30.7
22-133-74	... AluFix BP 350/25	0.88	23.0
22-134-24	... AluFix BP 300/75	2.25	42.8
22-134-44	... AluFix BP 300/55	1.65	34.5
22-134-54	... AluFix BP 300/45	1.35	28.9
22-134-59	... AluFix BP 300/40	1.20	27.9
22-134-74	... AluFix BP 300/25	0.75	20.4



Wall formwork

AluFix

22-137-09 ... AluFix BP	270/90	2.43	44.4
22-137-24 ... AluFix BP	270/75	2.03	38.5
22-137-44 ... AluFix BP	270/55	1.49	29.6
22-137-54 ... AluFix BP	270/45	1.22	25.5
22-137-59 ... AluFix BP	270/40	1.08	23.5
22-137-74 ... AluFix BP	270/25	0.68	17.6



22-138-09 ... AluFix BP	250/90	2.25	42.1
22-138-24 ... AluFix BP	250/75	1.88	35.5
22-138-44 ... AluFix BP	250/55	1.38	28.0
22-138-54 ... AluFix BP	250/45	1.13	24.1
22-138-59 ... AluFix BP	250/40	1.55	22.2
22-138-74 ... AluFix BP	250/25	0.63	16.6



22-135-09 ... AluFix BP	150/90	1.35	25.5
22-135-24 ... AluFix BP	150/75	1.13	21.7
22-135-44 ... AluFix BP	150/55	0.95	17.4
22-135-54 ... AluFix BP	150/45	0.68	15.4
22-135-59 ... AluFix BP	150/40	0.60	14.1
22-135-74 ... AluFix BP	150/25	0.38	9.6



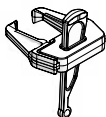
22-139-09 ... AluFix BP	135/90	1.22	22.2
22-139-24 ... AluFix BP	135/75	1.01	19.3
22-139-44 ... AluFix BP	135/55	0.74	15.3
22-139-54 ... AluFix BP	135/45	0.61	13.1
22-139-59 ... AluFix BP	135/40	0.54	12.1
22-139-74 ... AluFix BP	135/25	0.34	9.1



EA assembly lock

Galvanized. Tightly connects and aligns AluFix and EcoAs panels.
Clamping length 4.6 cm.

Ref.-No.	Description / Application	kg
29-205-50 ...	EA-assembly lock	1.5

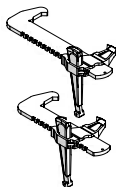


Wall formwork

Uni-assembly lock

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

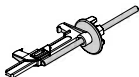
Ref.-No.	Description / Application	kg
29-400-85 ...	Uni-assembly lock 22.....	3.6
29-400-90 ...	Uni-assembly lock 28.....	3.9



E-Uni-assembly lock

Galvanized. For stepless compensation.
Clamping length max. 22 cm.

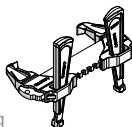
Ref.-No.	Description / Application	kg
29-103-60 ...	E-Uni-assembly lock.....	2.0



RS-assembly lock

Galvanized, For stepless length compensation.
Clamping length is 11.9 to 20.5 cm for stepless compensation.

Ref.-No.	Description / Application	kg
23-807-70 ...	RS-assembly lock.....	4.7



Transition lock AF-ST/AS

Is used as a connecting assembly lock at the joint of AF panels with ST or AS panels. Can be used on the right or left side of inside corner areas by turning the sliding part.

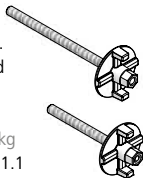
Ref.-No.	Description / Application	kg
29-103-30 ...	Transition lock AF - ST/AS	3.2



Wall formwork

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

AluFix aluminium filler

Not shown. 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
22-155-10....	AluFix aluminium filler 350/5	0.18	8.6
22-155-15....	AluFix aluminium filler 300/5	0.15	7.4
22-155-20 ...	AluFix aluminium filler 270/5	0.14	6.7
22-155-30 ...	AluFix aluminium filler 250/5	0.13	6.2
22-155-35 ...	AluFix aluminium filler 150/5	0.08	3.9
22-155-40 ...	AluFix aluminium filler 135/5	0.07	3.5

Corner angle 40/60

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



Ref.-No.	Description / Application	kg
29-402-25 ...	Corner angle 40/60	9.5

Wall formwork

Plug D20

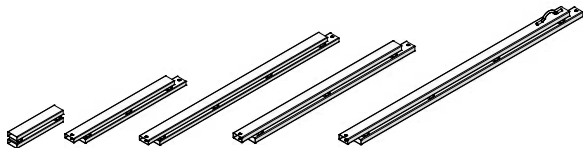
Is used to close unused tie holes (AluFix, EcoAs, AluStar and StarTec).



Ref.-No.	Description / Application	kg
29-902-63 ... Plug D20		0.2
29-902-62 ... Plug D20 without imprint		0.2

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	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
29-400-92 ... M-alignment rail 180, galv.		24.8
29-402-50 ... M-alignment rail 250, galv.		34.5

Support angle for walkway brackets

Galvanized. Is used to support a walkway bracket if the DW-nut on the multi-function profile is covered by an alignment rail. In this case the mounting bracket is fixed to the panel through the alignment rail by a separate flange screw.



Ref.-No.	Description / Application	kg
29-106-95 ... Support angle for walkway brackets		3.3

Wall formwork

Tie rod DW 15/90

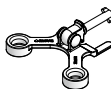
Uncoated, not weldable. DW thread Ø 15 mm. Adm. load capacity 90 kN (DIN 18216). Is used to tie panels of a double-sided formwork.



Ref.-No.	Description / Application	kg
29-900-80 ...	Tie rod DW 15/90.....	1.3

Tie rod fixture

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.



Ref.-No.	Description / Application	kg
29-927-05 ...	Tie rod fixture Ø35	1.2

Plastic tube

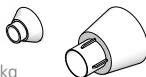
Plastic spacer tube for tie holes. Two cones are also required per tie hole. Internal Ø 22 mm, external Ø 28 mm, standard length 2.00 m.



Ref.-No.	Description / Application	kg
29-902-30 ...	Plastic tube D22/200	0.4

Cone for plastic tube

Available with 10 mm or 30 mm covering .



Ref.-No.	Description / Application	kg
29-902-40 ...	Cone for plastic tube D22/10 (10 mm covering)	13.0
29-902-50 ...	Cone for plastic tube D22/30 (30 mm covering)	3.3

Wall formwork

Plug

Is used to close tie holes in the wall when plastic tubes D22 or D32 are applied. Two plugs are required per tie hole.

Ref.-No.	Description / Application	kg
29-902-70 ... Plug D22		6.0



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.

Ref.-No.	Description / Application	kg
29-900-10 ... Articulated flange nut 15/120 (SW 27)		1.8
29-900-18 ... Articulated flange nut AF - ST/AS		2.3



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).

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



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	kg
29-800-10 ... Spanner SW 27		1.8

Wall formwork

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.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
29-901-44 ...	Tie claw 23.....	0.2

EA/AF-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.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
29-109-20 ...	Brace frame 250 with formwork-prop connector.....	31.5

Wall formwork

Formwork-prop connector

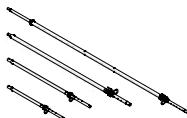
Galvanized. Connects braces, brace frames and push-pull props (max. Ø 48 mm) to the multi-function profile with a flange screw 18. Delivery includes head bolt 16/90 and cotter pin 4.



Ref.-No.	Description / Application	kg
29-804-85	... Formwork-prop connector	1.7

Push-pull prop R

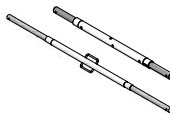
Galvanized. Guarantee tensile and compression strength. Align and brace wall formwork. Length of thread 20.6 cm. Foot plates and formwork-prop-connectors to be ordered separately.



Ref.-No.	Description / Application	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.

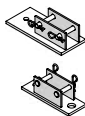


Ref.-No.	Description / Application	kg
29-108-80	... Brace SRL 120(90-150).....	8.8
29-108-90	... Brace SRL 170(120-220)	11.5

Wall formwork

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.



Ref.-No.	Description / Application	kg
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

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.



Ref.-No.	Description / Application	kg
29-802-48 ...	Articulated foot plate (RS Ø to 57 mm).....	2.3

Head bolt 16/90

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



Ref.-No.	Description / Application	kg
42-413-50 ...	Head bolt 16/90, galv.	0.2

Cotter pin 4

Galvanized. Locks the head bolt.

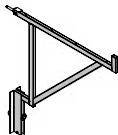


Ref.-No.	Description / Application	kg
62-010-04 ...	Cotter pin D=4	0.5

Wall formwork

Walkway bracket

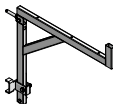
Galvanized, yellow, pluggable. Is used as working and safety scaffold. Is attached to the multi-function profile and secured to the multi-function profile below with a flange screw 18. The planking can be mounted to the brackets. Working width approx. 90 cm. MEVA Guardrailing post is also required. Bracket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



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

Walkway bracket 65

Galvanized, pluggable. Adapted in particular to AluFix and EcoAs. Is used as working and safety scaffold. Is plugged into the multi-function profile while the sliding part rests on the cross stiffener – no flange screw needed. The planking can be mounted to the brackets. Working width approx. 65 cm. A MEVA guard-railing post is required in addition. Bracket spacing depends on type of planking (DIN 4420).

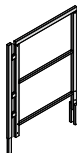


Ref.-No.	Description / Application	kg
29-106-15....	Walkway bracket 65.....	4.8

Side railing

Galvanized. Is plugged into the walkway bracket.

Ref.-No.	Description / Application	kg
29-108-20 ...	Side railing 90/100, galv.	12.3

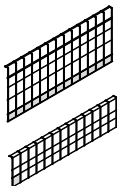


Wall formwork

Safety mesh

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.



Ref.-No.	Description / Application	kg
29-920-00 ...	Safety mesh 1100/2490	15.0
29-920-05 ...	Safety mesh 600/2490	9.8

Guardrailing post

Galvanized. Is plugged into the walkway bracket.

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



Guardrailing post 48

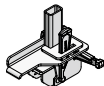
Galvanized. With manifold to be plugged into the walkway bracket and with 48 mm Ø tube to attach scaffold couplers.

Ref.-No.	Description / Application	kg
29-106-80 ...	Guardrailing post 48/120 (UK)	5.5



Tilting bracket 23

Galvanized. 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 23 mm.

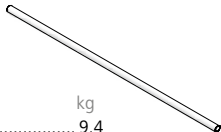


Ref.-No.	Description / Application	kg
29-920-84 ...	Tilting bracket 23	4.9

Wall formwork

Scaffold tube

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



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

Swivel-joint coupler 48/48

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

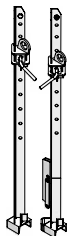
Ref.-No.	Description / Application	kg
29-412-52 ...	Swivel-joint coupler 48/48.....	1.2



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.

Ref.-No.	Description / Application	kg
29-305-15 ...	Transport angle 10, rigid type.....	10.4
29-305-10 ...	Transport angle 10	16.0



Safety plug stacks

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

Ref.-No.	Description / Application	kg
40-131-10....	Safety plug AS/ST stacks, black.....	19.0



Wall formwork

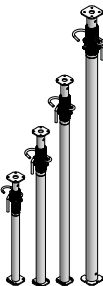
AluFix slab formwork

AluFix used as slab formwork

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).

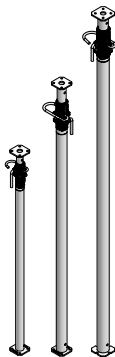
Ref.-No.	Description / Application	kg
29-907-46 ...	EuMax 30/150.....(98-150).....	10.4
29-907-51 ...	EuMax 30/250.....(152-250)	18.1
29-907-61 ...	EuMax 30/350.....(202-350)	23.0
29-907-62 ...	EuMax 30/450.....(252-450)	32.4



EuMax 20

Galvanized. 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	kg
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)	37.0



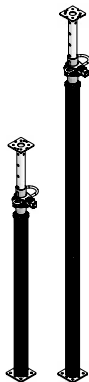
Wall formwork

AluFix

MEP prop with SAS

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.

Ref.-No.	Description / Application	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



AluFix 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 14/90e (or with pin 14/135 to the outer tube of the MEP prop).

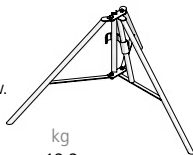
Ref.-No.	Description / Application	kg
29-202-80 ...	AF-prop head	1.5



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.

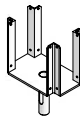
Ref.-No.	Description / Application	kg
29-905-50 ...	Tripod	12.2
29-905-52 ...	Tripod 120	17.7



Wall formwork

Forked prop head

Galvanized. Supports H20 formwork girders. Is attached to EuMax props with pin 14/90e or to MEP props with pin 14/135.



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

Pin

Galvanized. Is used to attach AF prop heads to the props. Pin 14/90e 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.



Ref.-No.	Description / Application	kg
29-803-55 ...	Pin 14/90e.....	0.1
29-909-90 ...	Pin 14/135	0.2

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 kN, M = 5 kNm.

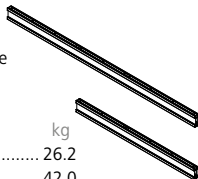


Ref.-No.	Description / Application	kg
29-206-02 ...	Formwork girder H20/245.....	12.3
29-206-05 ...	Formwork girder H20/290.....	14.5
29-206-10 ...	Formwork girder H20/330.....	16.5
29-206-20 ...	Formwork girder H20/390.....	19.5
29-206-30 ...	Formwork girder H20/450.....	22.5
29-206-45 ...	Formwork girder H20/490.....	24.5
29-206-48 ...	Formwork girder H20/590.....	29.5

Wall formwork

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



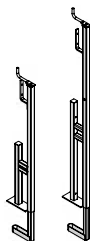
Ref.-No.	Description / Application	kg
29-216-15 ...	MEVA alu-beam 20/245	26.2
29-216-45 ...	MEVA alu-beam 20/390	42.0

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.



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

Ladder access

see Mammut XT page 122

Wall formwork

▲ **meva**

AluStar

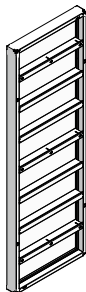


Wall formwork

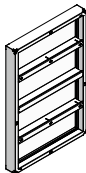
AluStar panels

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 welded 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 ... AluStar AL	270/ 90	2.43	65.1
22-084-01 ... AluStar AL	270/ 75	2.03	60.2
22-084-31 ... AluStar AL	270/ 55	1.49	48.6
22-084-34 ... AluStar AL	270/ 50	1.35	39.1
22-084-37 ... AluStar AL	270/ 49	1.32	39.0
22-084-46 ... AluStar AL	270/ 45	1.22	36.3
22-084-56 ... AluStar AL	270/ 40	1.08	33.5
22-084-71 ... AluStar AL	270/ 30	0.81	27.8
22-084-76 ... AluStar AL	270/ 25	0.68	25.0
22-084-81 ... AluStar AL	270/ 24	0.65	24.5
22-084-86 ... AluStar AL	270/ 20	0.54	22.2



22-085-01 ... AluStar AL	135/ 90	1.22	35.5
22-086-01 ... AluStar AL	135/ 75	1.01	31.2
22-086-31 ... AluStar AL	135/ 55	0.74	25.5
22-086-34 ... AluStar AL	135/ 50	0.68	20.4
22-086-37 ... AluStar AL	135/ 49	0.66	20.0
22-086-46 ... AluStar AL	135/ 45	0.61	18.9
22-086-56 ... AluStar AL	135/ 40	0.54	17.4
22-086-71 ... AluStar AL	135/ 30	0.41	14.5
22-086-76 ... AluStar AL	135/ 25	0.34	12.9
22-086-81 ... AluStar AL	135/ 24	0.32	12.6
22-086-86 ... AluStar AL	135/ 20	0.27	11.4

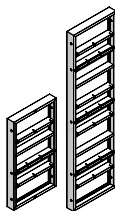


Wall formwork

22-087-01 ... AluStar AL	90/ 90	0.81	21.6
22-087-26 ... AluStar AL	90/ 75	0.68	18.6
22-087-46 ... AluStar AL	90/ 55	0.50	14.6
22-087-51 ... AluStar AL	90/ 50	0.45	13.6
22-087-53 ... AluStar AL	90/ 49	0.44	13.4
22-087-56 ... AluStar AL	90/ 45	0.41	12.5
22-087-61 ... AluStar AL	90/ 40	0.36	11.5
22-087-71 ... AluStar AL	90/ 30	0.27	9.5
22-087-76 ... AluStar AL	90/ 25	0.23	8.6
22-087-81 ... AluStar AL	90/ 24	0.22	8.4
22-087-86 ... AluStar AL	90/ 20	0.18	7.6

StarTec 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.

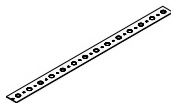


Ref.-No.	Description / Application	m ²	kg
21-212-26 ... StarTec AL-MPP	270/75	2.03 ...	103.5
21-212-46 ... StarTec AL-MPP	135/75	1.01	52.2

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.

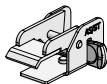


Ref.-No.	Description / Application	kg
29-307-50 ... Foundation tape 50 m		20.0

Wall formwork

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	kg
29-307-70	... Tensioner AS/ST for foundation tape	1.4

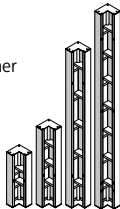
Trolley for foundation tape

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

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

AluStar inside corner AL

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

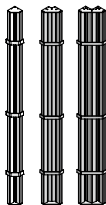


Ref.-No.	Description / Application	m ²	kg
22-150-22	... AluStar AL-IC 330/25	0.85	40.7
22-150-24	... AluStar AL-IC 270/25	1.35	33.2
22-150-34	... AluStar AL-IC 135/25	0.68	17.9
22-150-44	... AluStar AL-IC 90/25	0.45	12.8

Wall formwork

AS/ST outside corner

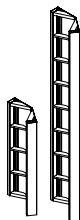
Aluminium. Facing 0 cm, 5 cm or 10 cm wide on both sides, integrated chamfer strip. Provides together with AluStar or StarTec panels and AS assembly locks a fast and tight outside corner assembly for 90° angles.



Ref.-No.	Description / Application	m ²	kg
22-140-50	...AS/ST outside corner alu 270/10.....	0.54	26.2
22-140-25	...AS/ST outside corner alu 270/5.....	0.27	16.1
22-140-20	...AS/ST outside corner alu 270.....		13.0
22-140-52	...AS/ST outside corner alu 135/10.....	0.27	13.6
22-140-35	...AS/ST outside corner alu 135/5.....	0.14	8.4
22-140-30	...AS/ST outside corner alu 135.....		6.8
22-140-40	...AS/ST outside corner alu 90.....		4.8

AluStar 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	...AluStar HIC.....270/30	1.62	73.0
21-270-10	...AluStar HIC.....135/30	0.81	37.0

AluStar hinged outside corner

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

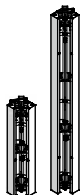


Ref.-No.	Description / Application	m ²	kg
21-280-00	...AluStar HOC.....270/7,5	0.40	45.0
21-280-10	...AluStar HOC.....135/7,5	0.20	22.0

Wall formwork

StarTec 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.



Ref.-No.	Description / Application	m ²	kg
21-262-10 ...	StarTec SC270/25	1.35 ...	146.0
21-262-30 ...	StarTec SC135/25	0.68	82.0

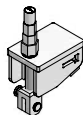
Adhesive tape, red

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

Ref.-No.	Description / Application	kg
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.



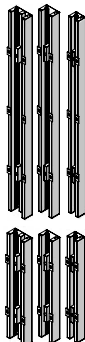
Ref.-No.	Description / Application	kg
29-306-30 ...	Stripping support	5.0

Wall formwork

AluStar radius panel

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

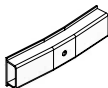
Ref.-No.	Description / Application	m ²	kg
21-500-00 ...	AluStar RP270/15	0.41	38.9
21-500-10 ...	AluStar RP270/20	0.54	42.7
21-500-20 ...	AluStar RP270/25	0.68	50.0
21-500-40 ...	AluStar RP135/15	0.20	21.1
21-500-50 ...	AluStar RP135/20	0.27	23.0
21-500-60 ...	AluStar RP135/25	0.34	26.4



AS tensioning bow

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

Ref.-No.	Description / Application	kg
21-500-95 ...	AS-tensioning bow	5.4



AS assembly lock

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

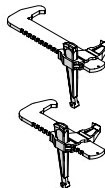
Ref.-No.	Description / Application	kg
29-205-00 ...	AS-assembly lock	2.0



Uni-assembly lock

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

Ref.-No.	Description / Application	kg
29-400-85 ...	Uni-assembly lock 22	3.6
29-400-90 ...	Uni-assembly lock 28	3.9



Wall formwork

RS-assembly lock

Galvanized, For stepless length compensation.

Clamping length is 11.9 to 20.5 cm for stepless compensation.

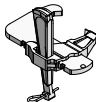
Ref.-No.	Description / Application	kg
23-807-70	... RS-assembly lock	4.7



Transition lock AF-ST/AS

Is used as a connecting assembly lock at the joint of AF panels with ST or AS panels. Can be used on the right or left side of inside corner areas by turning the sliding part.

Ref.-No.	Description / Application	kg
29-103-30	... Transition lock AF - ST/AS	3.2



MEVA chamfer strip 35/10

Not shown. PVC. For column formwork and corner configurations.

With rubber lip and strip. Standard length: 3,00 m.

Ref.-No.	Description / Application	kg
29-902-85	... MEVA chamfer strip 35/10, PVC	0.2

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.

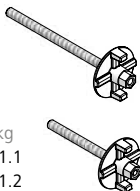
Ref.-No.	Description / Application	kg
29-902-95	... Chamfer strip 270	2.0



Wall formwork

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

AS/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 ...	AS/ST-aluminium filler 270/5	0.14	7.9
21-270-65 ...	AS/ST-aluminium filler 135/5	0.07	4.2



AS/ST 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. 2 AS assembly locks are required for each timber profile. Delivery and weight by pairs.

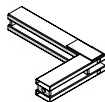
Ref.-No.	Description / Application	kg
29-200-03 ...	AS/ST-timber profile 270/21	11.0
29-200-05 ...	AS/ST-timber profile 135/21	5.4



Corner angle 40/60

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

Ref.-No.	Description / Application	kg
29-402-25 ...	Corner angle 40/60	9.5



Wall formwork

Stop end fixture 23/40

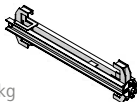
Yellow chromated. Is used to attach alignment rails to the panels when forming stop ends are formed. Or is used in connection with multi-purpose panels (EcoAs, StarTec) to form outer corners or abutments. Suited for the frame profiles of EcoAs and AluFix (23 mm) and AluStar/StarTec (40 mm). A flange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



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

Stop end bracket

Galvanized. Is used to form stop ends. Stop end bracket 23/40 for wall thickness up to 30 cm. Stop end bracket 40/60 for wall thickness up to 40 cm.



Ref.-No.	Description / Application	kg
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).

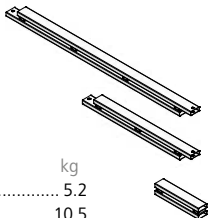


Ref.-No.	Description / Application	kg
29-902-63 ...	Plug D20.....	0.2
29-902-62 ...	Plug D20 without imprint.....	0.2

Wall formwork

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	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

Support angle for walkway brackets

Galvanized. Is used to support a walkway bracket if the DW-nut on the multi-function profile is covered by an alignment rail. In this case the mounting bracket is fixed to the panel through the alignment rail by a separate flange screw.



Ref.-No.	Description / Application	kg
29-106-95	...Support angle for walkway brackets.....	3.3

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.

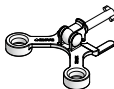


Ref.-No.	Description / Application	kg
29-900-80	...Tie rod DW 15/90.....	1.3

Wall formwork

Tie rod fixture

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.



Ref.-No.	Description / Application	kg
29-927-05 ...	Tie rod fixture Ø35	1.2

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.



Ref.-No.	Description / Application	kg
29-900-10 ...	Articulated flange nut 15/120 (SW 27)	1.8
29-900-18 ...	Articulated flange nut AF - ST/AS.....	2.3

Spanner SW 27

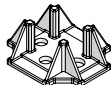
Inset yellow chromated. Spanner width (SW) 27 mm. Is used to tighten and loosen flange nuts 100, articulated flange nuts 15/120 and flange screws.



Ref.-No.	Description / Application	kg
29-800-10 ...	Spanner SW 27	1.8

Uni-tie claw

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

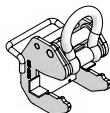


Ref.-No.	Description / Application	kg
29-901-41 ...	Uni-tie claw	1.5

Wall formwork

AS crane hook

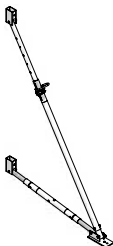
Is used to move panels. Self-locking. Load capacity: 15 kN (1.5 tons). Always 2 crane hooks required per gang. For use and safety check see the Operating Instructions.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
29-109-20	... Brace frame 250 with formwork-prop connector.....	31.5

Formwork-prop connector

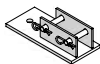
Galvanized. Connects braces, brace frames and push-pull props (max. Ø 48 mm) to the multi-function profile with a flange screw 18. Delivery includes head bolt 16/90 and cotter pin 4.



Ref.-No.	Description / Application	kg
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.

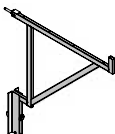


Ref.-No.	Description / Application	kg
29-402-32	... Double-jointed foot plate (RS Ø to 57 mm).....	4.0

Wall formwork

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 cm. MEVA Guardrailing post is also required. Bracket spacing depends on type of planking (DIN 4420).

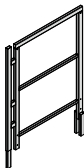


Ref.-No.	Description / Application	kg
29-106-00 ...	Walkway bracket 90 (yellow), galv.....	10.3

Side railing

Galvanized. Is plugged into the walkway bracket.

Ref.-No.	Description / Application	kg
29-108-20 ...	Side railing 90/100, galv.	12.3



Guardrailing post

Galvanized. Is plugged into the walkway bracket.

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



Guardrailing post 48

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

Ref.-No.	Description / Application	kg
29-106-80 ...	Guardrailing post 48/120 (UK)	5.5

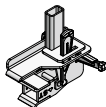


Wall formwork

Tilting bracket 40/60

Galvanised. Used to attach MEVA guardrail 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.

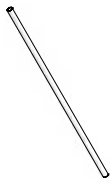
Secured with a wedge to the frame profile of 40 and 60 mm.



Ref.-No.	Description / Application	kg
29-920-82 ...	Tilting bracket 40/60	5.0

Scaffold tube

Galvanized. Is used as hand-rail in combination with guardrail post 48.



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

Swivel-joint coupler 48/48

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



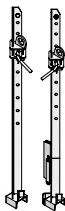
Ref.-No.	Description / Application	kg
29-412-52 ...	Swivel-joint coupler 48/48	1.2

Wall formwork

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 max. capacity for the whole stack. It is recommended to use 2 foldable angles and 2 angles of the rigid type for each stack.

Ref.-No.	Description / Application	kg
29-305-20 ...	Transport angle 12	16.5
29-305-25 ...	Transport angle 12, rigid type.....	12.7



Safety plug stacks

Plastic, black. Secures stacked AluStar and StarTec panels.

Ref.-No.	Description / Application	kg
40-131-10....	Safety plug AS/ST stacks, black.....	19.0



Ladder access

see Mammut XT page Seite 122

Wall formwork

 **meva**

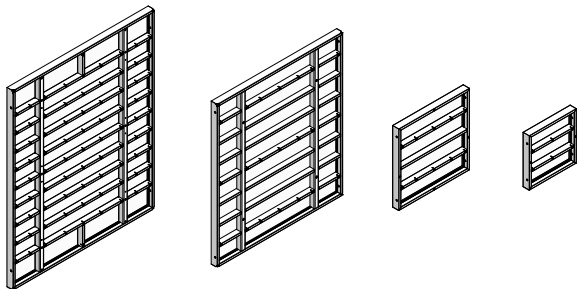
StarTec



Wall formwork

StarTec 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 StarTec panel frames are made of closed steel profiles and are torsion-proof. StarTec panels are equipped with alkus 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 ...	StarTec AL 330/270	8.91 ...	543.0
21-217-06 ...	StarTec AL 330/135	4.46 ...	253.0
21-217-11	StarTec AL 330/ 90	2.97 ...	125.5
21-217-26 ...	StarTec AL 330/ 75	2.48 ...	112.0
21-217-46 ...	StarTec AL 330/ 55	1.82 ...	93.5
21-217-49 ...	StarTec AL 330/ 50	1.65 ...	88.0
21-217-51 ...	StarTec AL 330/ 49	1.62 ...	87.0
21-217-71 ...	StarTec AL 330/ 30	0.99 ...	62.0
21-217-76 ...	StarTec AL 330/ 25	0.83 ...	58.0

Wall formwork

21-200-03 ... StarTec AL	270/240	6.48	388.0
21-200-06 ... StarTec AL	270/135	3.65	206.5
21-200-11 ... StarTec AL	270/ 90	2.43	103.4
21-200-26 ... StarTec AL	270/ 75	2.03	90.9
21-200-46 ... StarTec AL	270/ 55	1.49	72.8
21-200-49 ... StarTec AL	270/ 50	1.35	67.9
21-200-52 ... StarTec AL	270/ 49	1.32	67.1
21-200-56 ... StarTec AL	270/ 45	1.22	64.0
21-200-61 ... StarTec AL	270/ 40	1.08	60.2
21-200-71 ... StarTec AL	270/ 30	0.81	48.4
21-200-76 ... StarTec AL	270/ 25	0.68	45.7
21-200-78 ... StarTec AL	270/ 24	0.65	44.9
21-200-81 ... StarTec AL	270/ 20	0.54	41.4

21-210-06 ... StarTec AL	135/135	1.82	74.7
21-210-11 ... StarTec AL	135/ 90	1.22	53.6
21-210-26 ... StarTec AL	135/ 75	1.01	47.3
21-210-46 ... StarTec AL	135/ 55	0.74	38.6
21-210-49 ... StarTec AL	135/ 50	0.68	36.0
21-210-52 ... StarTec AL	135/ 49	0.66	35.8
21-210-56 ... StarTec AL	135/ 45	0.61	33.9
21-210-61 ... StarTec AL	135/ 40	0.54	31.0
21-210-71 ... StarTec AL	135/ 30	0.41	26.7
21-210-76 ... StarTec AL	135/ 25	0.34	25.0
21-210-78 ... StarTec AL	135/ 24	0.32	24.4
21-210-81 ... StarTec AL	135/ 20	0.27	21.1

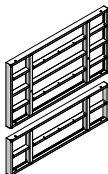
21-211-11 ... StarTec AL	90/ 90	0.81	39.3
21-211-26 ... StarTec AL	90/ 75	0.68	34.6
21-211-46 ... StarTec AL	90/ 55	0.50	28.3
21-211-49 ... StarTec AL	90/ 50	0.45	26.0
21-211-76 ... StarTec AL	90/ 25	0.23	18.1

Wall formwork

StarTec panel ... /240 AL20

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

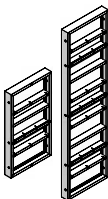
Ref.-No.	Description / Application	m ²	kg
21-215-00 ...	StarTec AL 135/240	3.24 ...	221.0
21-215-65 ...	StarTec AL 90/240	2.16 ...	153.1
21-215-60 ...	StarTec AL 75/240	1.80 ...	129.1



StarTec multi-purpose panel

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.

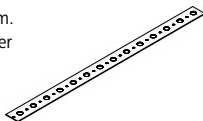
Ref.-No.	Description / Application	m ²	kg
21-212-26 ...	StarTec AL-MPP 270/75	2.03 ...	103.5
21-212-46 ...	StarTec AL-MPP 135/75	1.01	52.2



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.

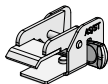
Ref.-No.	Description / Application	kg
29-307-50 ...	Foundation tape 50 m.....	20.0



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	kg
29-307-70 ...	Tensioner AS/ST for foundation tape	1.4



Wall formwork

Trolley for foundation tape

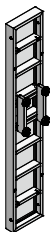
Not shown. Galvanized. Is used to transport and cut foundation tape to length. Suitable for one roll. Pneumatic wheels.

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

StarTec panel 270/45 with concreting window

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

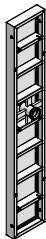
Ref.-No.	Description / Application	m ²	kg
21-213-60 ...	StarTec AL with concreting window 270/45	1.22	75.0



StarTec 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.

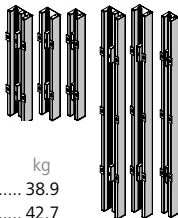
Ref.-No.	Description / Application	m ²	kg
21-213-55 ...	StarTec AL with filling nozzle 270/45	1.22	73.0
29-914-50 ...	Manual gate valve SK 100 - 4½		19.0
29-207-60 ...	Lever coupling SK-H DN 100 - 4½		3.8
29-207-50 ...	Filling nozzle cleaner SK 100/800		7.2
62-031-55 ...	Sealing washer A SK 100 - 4½		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



Wall formwork

AluStar 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 ... AluStar RP	27015.....	0.41	38.9
21-500-10 ... AluStar RP	270/20	0.54	42.7
21-500-20 ... AluStar RP	270/25	0.68	50.0
21-500-40 ... AluStar RP	135/15	0.20	21.1
21-500-50 ... AluStar RP	135/20	0.27	23.0
21-500-60 ... AluStar RP	135/25	0.34	26.4

AS tensioning bow

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

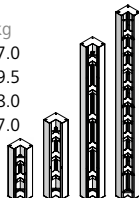


Ref.-No.	Description / Application	kg
21-500-95 ... AS-tensioning bow		5.4

StarTec inside corner

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

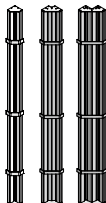
Ref.-No.	Description / Application	m ²	kg
21-251-00 ... StarTec AL-IC	330/25	1.65	87.0
21-251-05 ... StarTec AL-IC	270/25	1.35	69.5
21-251-35 ... StarTec AL-IC	135/25	0.68	38.0
21-251-65 ... StarTec AL-IC	90/25	0.45	27.0



Wall formwork

AS/ST outside corner

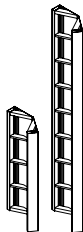
Aluminium. Facing 0 cm, 5 cm or 10 cm wide on both sides, integrated chamfer strip. Provides together with AluStar or StarTec panels and AS assembly locks a fast and tight outside corner assembly for 90° angles.



Ref.-No.	Description / Application	m ²	kg
22-140-48 ...	AS/ST outside corner alu 330/10.....	0.66	31.9
22-140-15 ...	AS/ST outside corner alu 330/5.....	0.33	19.7
22-140-10 ...	AS/ST outside corner alu 330.....		15.5
22-140-50 ...	AS/ST outside corner 270/10.....	0.54	26.2
22-140-25 ...	AS/ST outside corner 270/5.....	0.27	16.1
22-140-20 ...	AS/ST outside corner alu 270.....		13.0
22-140-52 ...	AS/ST outside corner 135/10.....	0.27	13.6
22-140-35 ...	AS/ST outside corner 135/5.....	0.14	8.4
22-140-30 ...	AS/ST outside corner alu 135.....		6.8
22-140-40 ...	AS/ST outside corner alu 90.....		4.8

AS hinged inside corner

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



Ref.-No.	Description / Application	m ²	kg
21-270-20 ...	StarTec HIC.....330/30.....	1.98	125.0
21-270-00 ...	AluStar HIC.....270/30.....	1.62	73.0
21-270-10 ...	AluStar HIC.....135/30.....	0.81	37.0

Wall formwork

AS hinged outside corner

Steel construction with steel sheeting. Side length 7.5 cm.

Adjustable angle 60° - 180°.

Ref.-No.	Description / Application	m ²	kg
21-280-20 ...	StarTec HOC330/7,5	0.49	62.5
21-280-00 ...	AluStar HOC270/7,5	0.40	45.0
21-280-10 ...	AluStar HOC135/7,5	0.20	22.0

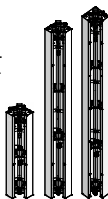


StarTec stripping corner

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
21-262-05 ...	StarTec SC330/25	1.65	172.0
21-262-10 ...	StarTec SC270/25	1.35	146.0
21-262-30 ...	StarTec SC135/25	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.

Ref.-No.	Description / Application	kg
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.

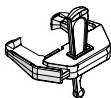


Ref.-No.	Description / Application	kg
29-306-30 ...	Stripping support	5.0

Wall formwork

AS assembly lock

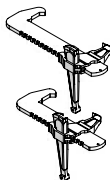
Galvanized. Tightly connects and aligns AluStar and StarTec panels.
Clamping length 8 cm.



Ref.-No.	Description / Application	kg
29-205-00	... AS-assembly lock.....	2.0

Uni-assembly lock

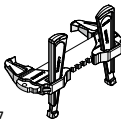
Galvanized. For stepless compensation. Clamping length 22 cm or 28 cm.



Ref.-No.	Description / Application	kg
29-400-85	... Uni-assembly lock 22.....	3.6
29-400-90	... Uni-assembly lock 28.....	3.9

RS-assembly lock

Galvanized, For stepless length compensation.
Clamping length is 11.9 to 20.5 cm for stepless compensation.



Ref.-No.	Description / Application	kg
23-807-70	... RS-assembly lock.....	4.7

MEVA chamfer strip 35/10

Not shown. PVC. For column formwork and corner configurations.
With rubber lip and strip. Standard length: 3,00 m.

Ref.-No.	Description / Application	kg
29-902-85	... MEVA chamfer strip 35/10, PVC	0.2



Wall formwork

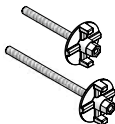
Chamfer strip 270

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.

Ref.-No.	Description / Application	kg
29-902-95 ...	Chamfer strip 270	2.0

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

AS/ST aluminium filler

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. 2 AS assembly locks are required for each timber profile. Delivery and weight by pairs.



Ref.-No.	Description / Application	m ²	kg
21-270-58 ...	AS/ST-aluminium filler 330/5.....	0.16	9.4
21-270-60 ...	AS/ST-aluminium filler 270/5.....	0.14	7.9
21-270-65 ...	AS/ST-aluminium filler 135/5.....	0.07	4.2

Wall formwork

AS/ST 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. 2 AS assembly locks are required for each timber profile. Delivery and weight by pairs.

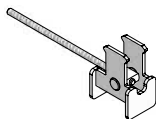
Ref.-No.	Description / Application	kg
29-200-07 ...	AS/ST-timber profile 330/21.....	12.8
29-200-03 ...	AS/ST timber profile 270/21.....	11.0
29-200-05 ...	AS/ST timber profile 135/21.....	5.4



Stop end fixture 23/40

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.

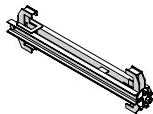
Ref.-No.	Description / Application	kg
29-402-85 ...	Stop end fixture 23/40 (yellow).....	3.0



Stop end bracket

Galvanized. Is used to form stop ends. Stop end bracket 23/40 for wall thickness up to 30 cm. Stop end bracket 40/60 wall thickness up to 40 cm.

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



Wall formwork

Plug D20

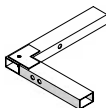
Is used to close unused tie holes (AluFix, EcoAs, AluFix, AluStar and StarTec).



Ref.-No.	Description / Application	kg
29-902-63 ... Plug D20		0.2
29-902-62 ... Plug D20 without imprint		0.2

M outside corner bracket

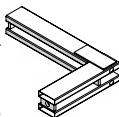
Galvanized. Provides together with AS/ST panels and flange screw 18 it provides a tight outside corner assembly. Primarily used for concreting heights over 405 cm.



Ref.-No.	Description / Application	kg
23-137-63 ... M-outside corner bracket, galv.		12.0

Corner angle 40/60

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

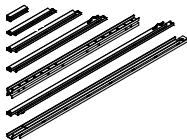


Ref.-No.	Description / Application	kg
29-402-25 ... Corner angle 40/60		9.5

Wall formwork

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	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

Support angle for walkway brackets

Galvanized. Is used to support a walkway bracket if the DW-nut on the multi-function profile is covered by an alignment rail. In this case the mounting bracket is fixed to the panel through the alignment rail by a separate flange screw.



Ref.-No.	Description / Application	kg
29-106-95	...Support angle for walkway brackets.....	3.3

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.

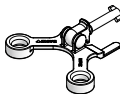


Ref.-No.	Description / Application	kg
29-900-80	...Tie rod DW 15/90.....	1.3

Wall formwork

Tie rod fixture

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.



Ref.-No.	Description / Application	kg
29-927-05 ...	Tie rod fixture Ø35	1.2

Flange nut 100

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



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
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.

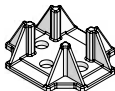


Ref.-No.	Description / Application	kg
29-800-10 ...	Spanner SW 27	1.8

Wall formwork

Uni-tie claw

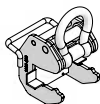
Galvanized. Permits tying directly above or beside the panels. Is suited for panels with profile widths of 40 and 60 mm.



Ref.-No.	Description / Application	kg
29-901-41 ... Uni-tie claw.....		1.5

AS crane hook

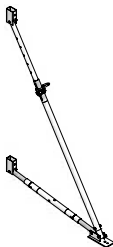
Is used to move panels. Self-locking. Load capacity: 15 kN (1.5 tons). Always 2 crane hooks required per gang. For use and safety check see the Operating Instructions.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
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.

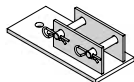


Ref.-No.	Description / Application	kg
29-804-85 ... Formwork-prop connector		1.7

Wall formwork

Double-jointed foot plate

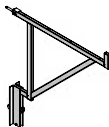
Galvanized. Delivery includes head bolt 16/90 and cotter pin 4. Serves as foot plate for brace frames 250 and as connector for braces and push-pull props up to Ø 57 mm.



Ref.-No.	Description / Application	kg
29-402-32	... Double-jointed foot plate (RS Ø to 57 mm).....	4.0

Walkway bracket

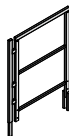
Galvanized, yellow, pluggable. Is used as working and safety scaffold. Is attached to the multi-function profile and secured to the multi-function profile below with a flange screw 18. The planking can be mounted to the brackets. Working width approx. 90 cm. MEVA Guardrailing post is also required. Bracket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



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

Side railing

Galvanized. Is plugged into the walkway bracket.



Ref.-No.	Description / Application	kg
29-108-20	... Side railing 90/100, galv.	12.3

Guardrailing post

Galvanized. Is plugged into the walkway bracket.



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

Wall formwork

Guardrailing post 48

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

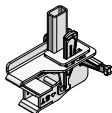
Ref.-No.	Description / Application	kg
29-106-80 ...	Guardrailing post 48/120 (UK)	5.5



Tilting bracket 40/60

Galvanized. 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.

Ref.-No.	Description / Application	kg
29-920-82 ...	Tilting bracket 40/60	5.0



Scaffold tube

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

Ref.-No.	Description / Application	kg
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.

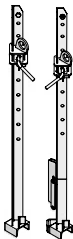
Ref.-No.	Description / Application	kg
29-412-52 ...	Swivel-joint coupler 48/48.....	1.2



Wall formwork

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.



Ref.-No.	Description / Application	kg
29-305-20 ...	Transport angle 12	16.5
29-305-25 ...	Transport angle 12, rigid type.....	12.7

Safety plug stacks

Secures stacked AluStar and StarTec panels. Black bolt for AluStar, grey one for StarTec 270/240.



Ref.-No.	Description / Application	kg
40-131-10....	Safety plug AS/ST stacks, black.....	19.0
40-131-15....	Safety plug ST 270/240 stacks, grey	19.0

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.



Ref.-No.	Description / Application	kg
29-401-42 ...	Lifting hook 40.....	1.6

Ladder access

see Mammut XT page 122

Wall formwork

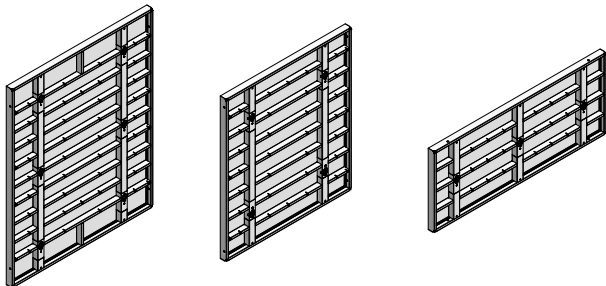
StarTec XT



Wall formwork

StarTec XT panels

Galvanized and post-treated. Frame profile height 12 cm, frame profile depth 60 mm. The frames of the StarTec XT panels consist of closed, torsionally rigid steel profiles. All-around grooves guarantee a stepless, tight and perfectly aligned panel connection using AS assembly locks. The permanently installed, internal and recessed XT tie holes with rotating body enable both single-sided as well as conventional, two-sided tying. All cross stiffeners are equipped with DW threaded nuts and serve as multi-function profiles, allowing easy, fast and safe attachment of accessories. The StarTec XT panels are equipped with alkus facing.



Ref.-No.	Description / Application	m ²	kg
21-201-01 ...	StarTec XT AL330/270	8.91 ...	557.3
21-201-06 ...	StarTec XT AL330/135	4.46 ...	300.0
21-201-11 ...	StarTec XT AL330/90	2.97 ...	169.8
21-201-41 ...	StarTec XT AL330/60	2.70 ...	112.7
21-201-53 ...	StarTec XT AL330/49	3.30 ...	98.3
21-201-56 ...	StarTec XT AL330/45	1.62 ...	96.9
21-201-71 ...	StarTec XT AL330/30	0.99 ...	75.9

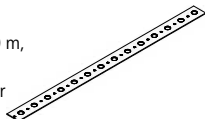
Wall formwork

21-202-03 ... StarTec XT AL	270/240	6.48	... 405.6
21-202-06 ... StarTec XT AL	270/135	3.64	... 242.5
21-202-11 ... StarTec XT AL	270/ 90	2.43	... 116.0
21-202-41 ... StarTec XT AL	270/ 60	1.62	... 87.0
21-202-53 ... StarTec XT AL	270/ 49	1.32	... 76.3
21-202-56 ... StarTec XT AL	270/ 45	1.22	... 73.8
21-202-71 ... StarTec XT AL	270/ 30	0.81	... 60.1
21-203-01 ... StarTec XT AL	135/330	4.46	... 294.0
21-203-03 ... StarTec XT AL	135/240	3.24	... 114.7
21-203-06 ... StarTec XT AL	135/135	1.82	... 129.0
21-203-11 ... StarTec XT AL	135/90	1.22	... 62.9
21-203-41 ... StarTec XT AL	135/60	0.81	... 45.9
21-203-53 ... StarTec XT AL	135/49	0.66	... 41.9
21-203-56 ... StarTec XT AL	135/45	0.61	... 40.3
21-203-71 ... StarTec XT AL	135/30	0.40	... 31.1

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.



Ref.-No.	Description / Application	kg
29-307-50 ...	Foundation tape 50 m.....	20.0

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	kg
29-307-70 ...	Tensioner AS/ST for foundation tape	1.4

Wall formwork

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	kg
29-307-55 ...	Trolley for foundation tape	21.8

AS/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.

Ref.-No.	Description / Application	m ²	kg
21-270-58 ...	AS/ST-aluminium filler 330/5	0.16	9.4
21-270-60 ...	AS/ST-aluminium filler 270/5	0.14	7.9
21-270-65 ...	AS/ST-aluminium filler 135/5	0.07	4.2



AS/ST 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. 2 or 3 Uni-assembly locks are required for each timber profile. Delivery and weight by pairs.

Ref.-No.	Description / Application	kg
29-200-07 ...	AS/ST-timber profile 330/21	12.8
29-200-03 ...	AS/ST-timber profile 270/21	11.0
29-200-05 ...	AS/ST-timber profile 135/21	5.4

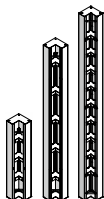


Wall formwork

StarTec inside corner

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

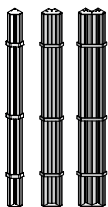
Ref.-No.	Description / Application	m ²	kg
21-251-00 ... StarTec AL-IC	330/25	1.65	87.0
21-251-05 ... StarTec AL-IC	270/25	1.35	69.5
21-251-35 ... StarTec AL-IC	135/25	0.68	38.0



AS/ST outside corner

Aluminium. Facing 0 cm, 5 cm or 10 cm wide on both sides, integrated chamfer strip. Provides together with StarTec XT panels and AS assembly locks a fast and tight outside corner assembly for 90° angles.

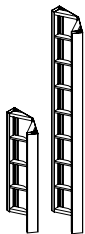
Ref.-No.	Description / Application	m ²	kg
22-140-48 ...	AS/ST outside corner alu 330/10.....	0.66	31.9
22-140-15....	AS/ST outside corner alu 330/5.....	0.33	19.7
22-140-10....	AS/ST outside corner alu 330.....		15.6
22-140-50 ...	AS/ST outside corner alu 270/10.....	0.54	26.3
22-140-25 ...	AS/ST outside corner alu 270/5.....	0.27	16.2
22-140-20 ...	AS/ST outside corner alu 270.....		13.0
22-140-52 ...	AS/ST outside corner alu 135/10.....	0.27	13.6
22-140-35 ...	AS/ST outside corner alu 135/5.....	0.14	8.5
22-140-30 ...	AS/ST outside corner alu 135.....		6.8



AS hinged inside corner

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

Ref.-No.	Description / Application	m ²	kg
21-270-20 ... StarTec HIC.....	330/30	1.98	125.0
21-270-00 ... AluStar HIC.....	270/30	1.62	73.0
21-270-10 ... AluStar HIC.....	135/30	0.81	37.0



Wall formwork

AS hinged outside corner

Steel construction with steel sheeting. Side length 7.5 cm.

Adjustable angle 60° - 180°.

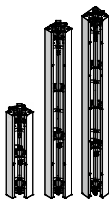
Ref.-No.	Description / Application	m ²	kg
21-280-20 ...	StarTec HOC330/7,5	0.49	62.5
21-280-00 ...	AluStar HOC270/7,5	0.40	45.0
21-280-10 ...	AluStar HOC135/7,5	0.20	22.0



StarTec 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
21-262-05 ...	StarTec SC330/25	1.65	172.0
21-262-10 ...	StarTec SC270/25	1.35	146.0
21-262-30 ...	StarTec SC135/25	0.68	82.0



Adhesive tape, red

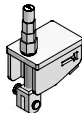
Not shown. Reinforced adhesive tape, red, 50 mm wide, 50 running metres.

Total thickness: 270 µm. Natural rubber adhesive on one side. PE-coated.

Ref.-No.	Description / Application	kg
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.

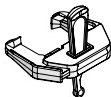


Ref.-No.	Description / Application	kg
29-306-30 ...	Stripping support	5.0

Wall formwork

AS assembly lock

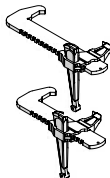
Galvanized. Tightly connects and aligns AluStar and StarTec panels.
Clamping length 8 cm.



Ref.-No.	Description / Application	kg
29-205-00	... AS-assembly lock.....	2.0

Uni-assembly lock

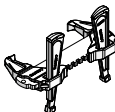
Galvanized. For stepless compensation.
Clamping length 22 cm or 28 cm.



Ref.-No.	Description / Application	kg
29-400-85	... Uni-assembly lock 22.....	3.6
29-400-90	... Uni-assembly lock 28.....	3.9

RS-assembly lock

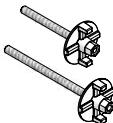
Galvanized, For stepless length compensation.
Clamping length is 11.9 to 20.5 cm for stepless compensation.



Ref.-No.	Description / Application	kg
23-807-70	... RS-assembly lock.....	4.7

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.

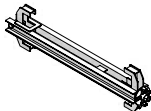


Ref.-No.	Description / Application	kg
29-401-10	... Flange screw 18	1.1
29-401-12	... Flange screw 28	1.2

Wall formwork

Stop end bracket

Galvanized. Is used to form stop ends. Stop end bracket 23/40 for wall thickness up to 30 cm. Stop end bracket 40/60 for wall thickness up to 40 cm.



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

Plug D20

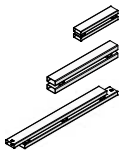
Is used to close unused tie holes (AluFix, EcoAs, AluFix, AluStar and StarTec).



Ref.-No.	Description / Application	kg
29-902-63 ...	Plug D20	0.2
29-902-71 ...	Plug D35/38	0.4
29-902-72 ...	Plug D35/38 without imprint	0.4
29-902-62 ...	Plug D20 without imprint	0.2

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	kg
29-201-73 ...	AS-alignment rail 50, galv.	5.2
29-400-95 ...	M-alignment rail 75, galv.	11.0
29-201-75 ...	AS-alignment rail 125, galv.	10.5

Wall formwork

Support angle for walkway brackets

Galvanized. Is used to support a walkway bracket if the DW-nut on the multi-function profile is covered by an alignment rail. In this case the mounting bracket is fixed to the panel through the alignment rail by a separate flange screw.



Ref.-No.	Description / Application	kg
29-106-95	... Support angle for walkway brackets.....	3.3

Spacer

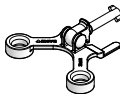
Aluminum-sheet to maintain the distance between the wall thickness. Is inserted between the formwork at the top. For wall thickness 25 cm and 30 cm or 20 cm and 24 cm.



Ref.-No.	Description / Application	kg
29-901-62	... Spacer 25/30 AL20/17.....	0.7
29-901-52	... Spacer 20/24 AL20/17.....	0.6

Tie rod fixture

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.



Ref.-No.	Description / Application	kg
29-927-05	... Tie rod fixture Ø35	1.2

Wall formwork

XT tie rod DW 20

Uncoated, with DW 20 thread. DIN 18216, not weldable. Used for single-sided 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.



Ref.-No.	Description / Application	kg
23-154-35 ...	XT tie rod DW 20/75	4.8
23-154-40 ...	XT tie rod DW 20/120	5.9

XT cone DW 20

PE; used on the initial formwork of StarTec XT when using the XT tie rod DW 20 in order to set the distance. Replaces XT sleeve (29-902-36).



Ref.-No.	Description / Application	kg
29-902-37 ...	XT-Cone DW 20	2.0

Plastic tube D23

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

Ref.-No.	Description / Application	kg
29-902-31 ...	Plastic tube D22/200	11.0
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



Wall formwork

XT taper tie 20/...

Coated, with DW 20 thread and conical, smooth middle section. Used for single-sided tying of panels on double-sided formwork. Permissible load 160 kN. With integrated XT articulated flange nut, fixation screw and adjustment rings for centimetre-precise wall thickness adjustment between 15 - 25 cm, 20 - 30 cm, 35 - 45 cm, 45 - 55 cm and 60 - 70 cm.



Ref.-No.	Description / Application	kg
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
23-154-25 ...	XT taper tie 20/45-55	6.8
23-154-30 ...	XT taper tie 20/60-70	7.5

Divinol Wax

Not shown. Paste-like solvent-based wax suitable for all formwork (wood, steel, plastic-coated). Rain resistant. Recommended for use on the XT taper ties.

Ref.-No.	Description / Application	kg
29-203-30 ...	Divinol Wax.....	22.0

FB-Aktivstop XT 20 SET

Not shown. Plug made of fibre concrete with an integrated expansion seal to close tapered openings in the wall incl. hammering aid. Only suitable for XT taper tie 20/...

Ref.-No.	Description / Application	kg
29-902-41 ...	FB-Aktivstop XT 20 SET	3.2

Wall formwork

XT taper tie seal kit 23x80

Not shown. Cylindric jacking ring with EPDM sealing washer and aluminium thread bolt M8, diam. 23 mm, length 80 mm. Used for subsequent sealing of XT taper tie anchor points in the wall (watertight).

Ref.-No.	Description / Application	kg
29-902-38 ...	XT taper tie seal kit 23x80.....	0.1

XT wrench for seal kit

Not shown. Wrench with depth stop incl. socket 13x65 mm for the installation of XT-Taper tie seal kits, for wall thickness up to 50 cm. Wrench size 13 mm. In order to accomplish the correct tightening of 14 Nm we recommend the application of a torque wrench.

Ref.-No.	Description / Application	kg
23-154-97 ...	XT wrench for seal kit.....	0.2

XT sealing cone

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

Ref.-No.	Description / Application	kg
29-902-35 ...	XT sealing cone 10 AL20.....	1.0
29-902-34 ...	XT sealing cone 5 AL20.....	1.0
29-902-33 ...	XT sealing cone 5 AL17.....	1.0



XT fibre concrete plug 47 x 8,5

Nor shown. Made of fibre concrete, to close anchor points on the walls when using XT-seal cones 10 (29-902-35), the plugs are glued in place by concrete glue A + B (53-210-70)

Ref.-No.	Description / Application	kg
29-902-82 ...	XT fibre concrete plug 47 x 8,5	6.8

Wall formwork

Concrete glue A + B

Not shown. 2-component concrete glue for fair-faced concrete plugs.
Quantity is sufficient for 150 plugs.

Ref.-No.	Description / Application	kg
53-210-70	... Concrete glue (A + B)	1.0

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. Two sealing plugs are required per anchor point.



Ref.-No.	Description / Application	kg
29-902-76	... XT plug D46	5.0

XT combi-Lever

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



Ref.-No.	Description / Application	kg
23-154-90	... XT combi lever	0.3

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.



Ref.-No.	Description / Application	kg
29-900-97	... Tie rod DW 20/120	1.8

Wall formwork

Articulated flange nut

Forged, galvanized. DIN 18216, with DW thread Ø 20 mm, plate Ø 140 mm, max. inclination 10°, WAF 36 mm. Permissible load 160 kN.



Ref.-No.	Description / Application	kg
29-900-05 ...	Articulated flange nut 20/140	2.4

Cone for plastic tube

Available with 10 mm covering.



Ref.-No.	Description / Application	kg
29-902-55 ...	Cone for plastic tube D32/10.....	6.5

Plastic tube D32

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



Ref.-No.	Description / Application	kg
29-902-28 ...	Plastic tube D32/36 L 2000 mm	0.4

Tie wrench DW15/DW20

Made of steel, galvanized. Used to screw in, screw out and hold tie rods DW15 and DW20; length 400 mm.



Ref.-No.	Description / Application	kg
29-901-39 ...	Tie wrench DW15/DW20.....	4.5

Wall formwork

Spanner

Yellow chromatised bit. WAF 27 or 36 mm. Used to tighten and loosen XT tie rod DW 20, flange nuts 100, articulated flange nuts 15/120 (or 20/140 with WAF 36) and flange screws.



Ref.-No.	Description / Application	kg
29-800-15	Spanner SW 36	3.3

Uni-tie claw

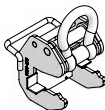
Galvanized. Permits tying directly above or beside the panels. Is suited for panels with profile widths of 40 and 60 mm.



Ref.-No.	Description / Application	kg
29-901-41	Uni-tie claw	1.5

AS crane hook

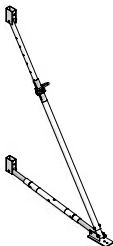
Is used to move panels. Self-locking. Load capacity: 15 kN (1.5 tons). Always 2 crane hooks required per gang. For use and safety check see the Operating Instructions.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
29-109-20	Brace frame 250 with formwork-prop connector	31.5

Wall formwork

Formwork-prop connector

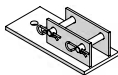
Galvanized. Including head bolt 16/90 and cotter pin 4. Used to connect brace frames, braces and push-pull props to the multi-function profile with flange screw 18. Maximum tube diameter of the braces and push-pull props is 48 mm.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
42-413-50	Head bolt 16/90, galv.	0.2

Cotter pin 4

Galvanized. Locks the head bolt.



Ref.-No.	Description / Application	kg
62-010-04	Cotter pin D=4	0.5

Wall formwork

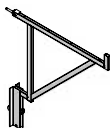
Collapsible clip

Not shown. Galvanized. Locks the head bolt.

Ref.-No.	Description / Application	kg
62-010-03 ...	Collapsible clip 4.5	0.3

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 cm. MEVA Guard-railing post is also required. Bracket spacing depends on type of planking (DIN 4420).



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

Guard-railing post

Galvanized. Is plugged into the walkway bracket.

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

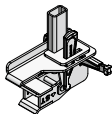
Ref.-No.	Description / Application	kg
29-106-80 ...	Guard-railing post 48/120 (UK).....	5.5



Wall formwork

Tilting bracket 40/60

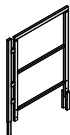
Galvanised. Used to attach MEVA guardrailing posts to create a fall protection system. It can be set up vertically to facilitate the installation of safety meshes or railing boards or inclined by 15° to create a larger working area. Secured with a wedge to the frame profile of 40 and 60 mm.



Ref.-No.	Description / Application	kg
29-920-82 ...	Tilting bracket 40/60	5.0

Side railing

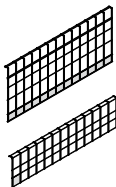
Galvanized. Is plugged into the walkway bracket.



Ref.-No.	Description / Application	kg
29-108-20 ...	Side railing 90/100, galv.	12.3

Safety mesh

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.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
29-921-72 ...	Universal shoe MFS	2.1

Wall formwork

Scaffold tube

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

Ref.-No.	Description / Application	kg
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.

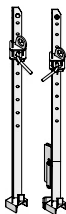
Ref.-No.	Description / Application	kg
29-412-52 ...	Swivel-joint coupler 48/48.....	1.2



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.

Ref.-No.	Description / Application	kg
29-305-20 ...	Transport angle 12	16.5
29-305-25 ...	Transport angle 12, rigid type.....	12.7



Wall formwork

Lifting hook 40

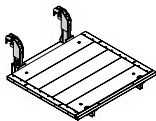
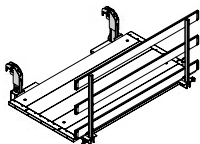
Galvanized. Allows any 4-rope crane slings available on site to be used to move the panel stacks. Always use 4 hooks at a time. Max. load capacity 10 kN (1 ton) per lifting hook. Max. weight of a panel stack 2 tons. Refer to the lifting hook Operating Instructions for application and safety test.

Ref.-No.	Description / Application	kg
29-401-42 ...	Lifting hook 60.....	1.6



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.



Ref.-No.	Description / Application	kg
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

Ladder access

see Mammut XT page Seite 122

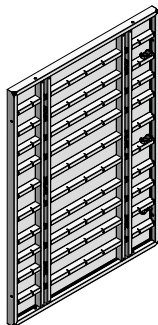


Wall formwork

Mammut XT

Mammut XT panels

Galvanized and post-treated. Frame profile height 12 cm, frame profile depth 60 mm. The frames of the Mammut XT panels consist of closed, torsionally rigid steel profiles. All-around 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 body enable both single-sided as well as conventional, two-sided tying. All cross stiffeners are equipped with DW threaded nuts and serve as multi-function 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 AL.....350/250	8.75 ...	585.0
23-001-20 ...	Mammut XT AL.....350/125	4.38 ...	319.5
23-001-30 ...	Mammut XT AL.....350/100	3.50 ...	281.0
23-001-35 ...	Mammut XT AL.....350/ 75	2.63 ...	188.1
23-001-50 ...	Mammut XT AL.....350/ 50	1.75 ...	151.0
23-001-75 ...	Mammut XT AL.....350/ 25	0.88 ...	105.0
23-002-05 ...	Mammut XT AL.....300/250	7.50 ...	497.0
23-002-20 ...	Mammut XT AL.....300/125	3.75 ...	271.0
23-002-30 ...	Mammut XT AL.....300/100	3.00 ...	239.0
23-002-35 ...	Mammut XT AL.....300/ 75	2.25 ...	162.0
23-002-50 ...	Mammut XT AL.....300/ 50	1.50 ...	131.0
23-002-75 ...	Mammut XT AL.....300/ 25	0.75 ...	91.3
23-003-20 ...	Mammut XT AL.....250/125	3.13 ...	230.0
23-003-30 ...	Mammut XT AL.....250/100	2.50 ...	201.5
23-003-35 ...	Mammut XT AL.....250/ 75	1.88 ...	135.5
23-003-50 ...	Mammut XT AL.....250/ 50	1.25 ...	107.4
23-003-75 ...	Mammut XT AL.....250/ 25	0.63 ...	74.5

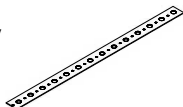
Wall formwork

Mammut XT

23-004-20 ... Mammut XT AL.....125/125	1.56 ... 119.6
23-004-30 ... Mammut XT AL.....125/100	1.25 ... 103.5
23-004-35 ... Mammut XT AL.....125/ 75	0.94 ... 73.5
23-004-50 ... Mammut XT AL.....125/ 50	0.63 ... 58.5
23-004-75 ... Mammut XT AL.....125/ 25	0.31 ... 36.8

Foundation tape

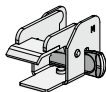
Galvanized, hole spacing 50 mm, hole Ø 16 mm, length 50 m,
to be cut at hole centre, permissible tensile force 10 kN.
Serves together with the appropriate tensioner as the lower
anchor of horizontal panels.



Ref.-No.	Description / Application	kg
29-307-50 ...	Foundation tape 50 m.....	20.0

Tensioner M for foundation tape

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



Ref.-No.	Description / Application	kg
29-307-60 ...	Tensioner M for foundation tape.....	1.5

Trolley for foundation tape

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

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

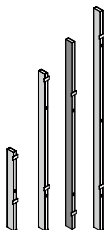
Wall formwork

Mammut XT

M filler

Aluminium, with cured powder coating and tie holes. For length compensation of 5 cm, particularly in corners. Two or three Uni-assembly locks are required for each filler.

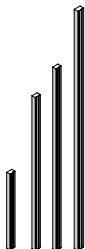
Ref.-No.	Description / Application	m ²	kg
29-300-30 ...	M 350-aluminium filler 350/5	0.18	10.3
29-300-45 ...	XT aluminium filler 300/5	0.15	8.7
29-300-35 ...	M 350-aluminium filler 250/5	0.13	7.4
29-300-40 ...	M 350-aluminium filler 125/5	0.06	3.9



M-timber profile

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

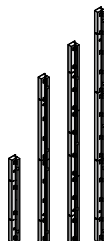
Ref.-No.	Description / Application	m ²	kg
29-400-02 ...	M 350-timber profile 350/21	0.74	20.2
29-400-05 ...	M-timber profile 300/21	0.63	17.4
29-400-15 ...	M-timber profile 250/21	0.53	14.6
29-400-17 ...	M-timber profile 125/21	0.26	7.2



XT compensation panel

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

Ref.-No.	Description / Application	kg
23-153-00 ...	XT compensation panel 350	150.2
23-153-05 ...	XT compensation panel 300	130.0
23-153-10....	XT compensation panel 250	107.6
23-153-15....	XT compensation panel 125	55.2

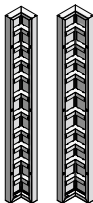


Wall formwork

Mammut XT

Mammut XT inside corner 350

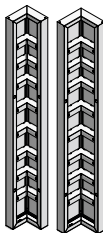
Galvanized. For 90° corners, side lengths 35 and 40 cm. Steel frame with conical anchor sleeves for tying, equipped with with struts for crane movement and alkus facing. Cross stiffeners equipped with welded-in DW-threaded nuts.



Ref.-No.	Description / Application	m ²	kg
23-152-00 ... Mammut XT IC.....	350/35	2.45 ...	149.1
23-152-20 ... Mammut XT IC.....	350/40	2.80 ...	163.5

Mammut XT inside corner 300

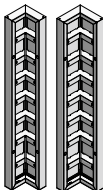
Galvanized. For 90° corners, side lengths 35 and 40 cm. Steel frame with conical anchor sleeves for tying, equipped with with struts for crane movement and alkus facing. Cross stiffeners equipped with welded-in DW-threaded nuts.



Ref.-No.	Description / Application	m ²	kg
23-152-05 ... Mammut XT IC.....	300/35	2.10 ...	126.5
23-152-25 ... Mammut XT IC.....	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, equipped with with struts for crane movement and alkus facing. Cross stiffeners equipped with welded-in DW-threaded nuts.



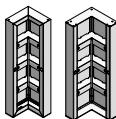
Ref.-No.	Description / Application	m ²	kg
23-152-10.... Mammut XT IC.....	250/35	1.75 ...	108.6
23-152-30 ... Mammut XT IC.....	250/40	2.00 ...	119.0

Wall formwork

Mammut XT

Mammut XT inside corner 125

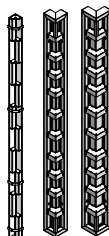
Galvanized. For 90° corners, side lengths 35 and 40 cm. Steel frame with conical anchor sleeves for tying, equipped with with struts for crane movement and alkus facing. Cross stiffeners equipped with welded-in DW-threaded nuts.



Ref.-No.	Description / Application	m ²	kg
23-152-15...	Mammut XT IC.....125/35	0.88	56.3
23-152-35 ...	Mammut XT IC.....125/40	1.00	62.2

Mammut outside corner 350

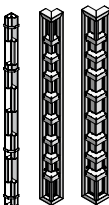
Galvanized. For 90° corners. Side lengths 0, 10 and 15 cm. Steel frame with alkus facing. Cross stiffeners with welded-in DW-threaded nuts; corners with side lengths 10 and 15 cm equipped with with struts for crane movement.



Ref.-No.	Description / Application	m ²	kg
23-140-30 ...	Mammut 350 OC.....350.....		78.0
23-152-50 ...	Mammut XT OC.....350/10	0.70	101.3
23-152-70 ...	Mammut XT OC.....350/15	1.05	120.7

Mammut 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 with struts for crane movement.



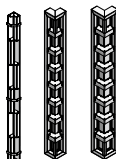
Ref.-No.	Description / Application	m ²	kg
23-140-00 ...	Mammut OC.....300.....		66.6
23-152-55 ...	Mammut XT OC.....300/10	0.60	86.6
23-152-75 ...	Mammut XT OC.....300/15	0.90	103.0

Wall formwork

Mammut XT

Mammut outside corner 250

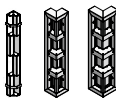
Galvanized. For 90° corners. Side lengths 0, 10 and 15 cm. Steel frame with alkus facing. Cross stiffeners with welded-in DW-threaded nuts; corners with side lengths 10 and 15 cm equipped with with struts for crane movement.



Ref.-No.	Description / Application	m ²	kg
23-140-10...	Mammut OC250.....	55.2	
23-152-60 ...	Mammut XT OC250/10	0.50	73.6
23-152-80 ...	Mammut XT OC250/15	0.75	88.0

Mammut outside corner 125

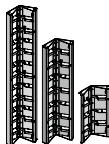
Galvanized. For 90° corners. Side lengths 0, 10 and 15 cm. Steel frame with alkus facing. Cross stiffeners with welded-in DW-threaded nuts; corners with side lengths 10 and 15 cm equipped with with struts for crane movement.



Ref.-No.	Description / Application	m ²	kg
23-140-20 ...	Mammut OC125.....	28.5	
23-152-65 ...	Mammut XT OC125/10	0.25	38.2
23-152-85 ...	Mammut XT OC125/15	0.38	45.5

Mammut hinged inside corner

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



Ref.-No.	Description / Application	m ²	kg
23-137-30 ...	Mammut 350 HIC350/40	2.73	235.0
23-137-41 ...	Mammut XT HIC250/40	2.00	166.0
23-137-51 ...	Mammut XT HIC125/40	1.00	85.5

Wall formwork

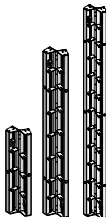
Mammut XT

Mammut hinged outside corner

Steel construction with steel sheeting. Primed and cavity-sealed.

Side length 12.5 cm. Adjustable angle 60° - 180°.

Ref.-No.	Description / Application	m ²	kg
23-137-70....	Mammut 350 HOC.....350/12,5	0.88 ...	114.6
23-137-81 ...	Mammut HOC.....250/12,5	0.62	81.6
23-137-91 ...	Mammut HOC.....125/12,5	0.32	42.0

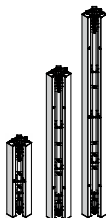


Mammut stripping corner

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 ...	Mammut 350 SC.....350/25	1.75 ...	189.7
23-151-20 ...	Mammut 350 SC.....250/25	1.25 ...	141.1
23-151-30 ...	Mammut 350 SC.....125/25	0.63	80.3



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.

Ref.-No.	Description / Application	kg
41-912-10 ...	Adhesive tape 50 m, red	0.8

Wall formwork

Mammut XT

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.



Ref.-No.	Description / Application	kg
29-306-30	... Stripping support	5.0

M assembly lock

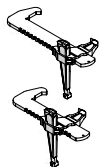
Galvanized. Tightly connects and aligns Mammut panels.
Clamping length 12 cm.



Ref.-No.	Description / Application	kg
29-400-71	... M-assembly lock.....	3.0

Uni-assembly lock

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



Ref.-No.	Description / Application	kg
29-400-85	... Uni-assembly lock 22.....	3.6
29-400-90	... Uni-assembly lock 28.....	3.9

RS-assembly lock

Galvanized, For stepless length compensation.
Clamping length is 11.9 to 20.5 cm for stepless compensation.



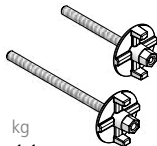
Ref.-No.	Description / Application	kg
23-807-70	... RS-assembly lock	4.7

Wall formwork

Mammut XT

Flange screw

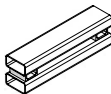
Galvanized. Is used to attach accessories, e.g. alignment rails, brace frames, push-pull props, etc. Length of thread 18 cm or 27 cm.



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

M-cross stiffener 44

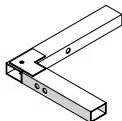
Galvanized. Short alignment rail used to brace panel joints for crane ganging and to reinforce length compensations.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
23-137-63 ...	M-outside corner bracket, galv.	12.0

M-column bracket

Galvanized; to build rectangular columns with M-panels or stop ends, etc. Is attached to the multi-function profile with flange screw 18.



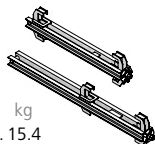
Ref.-No.	Description / Application	kg
29-402-13 ...	M-column bracket size 1 35/34	7.0

Wall formwork

Mammut XT

Stop end bracket

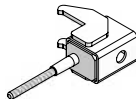
Galvanized. Is used to form stop ends. Stop end bracket 40/60 for wall thickness up to 40 cm. Stop end bracket 2.5' - 60/23 for wall thickness up 75 cm.



Ref.-No.	Description / Application	kg
29-105-50 ...	Stop end bracket 40/60	15.4
29-105-60 ...	Stop end bracket 2.5' - 60/23	20.0

Column clamp

Galvanized. Is used to attach alignment rails to panels when forming stop ends. Suited for 60 mm frame profiles of Mammut and Mammut 350 panels. 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.



Ref.-No.	Description / Application	kg
29-402-70 ...	Column clamp 21, galv.	4.0

Plug

PVC. Used to seal unused Mammut XT tie holes. D35/... for XT tie hole, D27/... for frame tie hole.



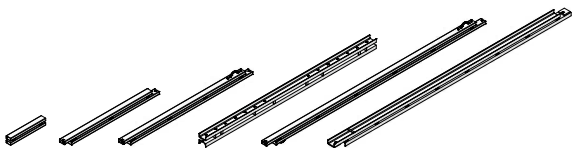
Ref.-No.	Description / Application	kg
29-902-71 ...	Plug D35/38	0.4
29-902-72 ...	Plug D35/38 without imprint	0.4
29-902-61 ...	Plug D27/30	0.3
29-902-67 ...	Plug D27/30 without imprint	0.2
29-902-68 ...	Plug D27 without imprint, flat	1.0
29-902-62 ...	Plug D20 without imprint	0.2
29-902-63 ...	Plug D20	0.2

Wall formwork

Mammut XT

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.



Ref.-No.	Description / Application	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

Support angle for walkway brackets

Galvanized. Is used to support a walkway bracket if the DW-nut on the multi-function profile is covered by an alignment rail. In this case the mounting bracket is fixed to the panel through the alignment rail by a separate flange screw.

Ref.-No.	Description / Application	kg
29-106-95 ...	Support angle for walkway brackets.....	3.3



Spacer

Aluminum-sheet to maintain the distance between the wall thickness. Is inserted between the formwork at the top. For wall thickness 25 cm and 30 cm or 20 cm and 24 cm.

Ref.-No.	Description / Application	kg
29-901-62 ...	Spacer 25/30 AL20/17	0.7
29-901-52 ...	Spacer 20/24 AL20/17	0.6

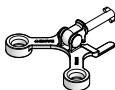


Wall formwork

Mammut XT

Tie rod fixture

Galvanized. Used 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.



Ref.-No.	Description / Application	kg
29-927-05 ...	Tie rod fixture Ø35	1.2

XT tie rod DW 20

Uncoated, with DW 20 thread. DIN 18216, not weldable. Used for single-sided 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.



Ref.-No.	Description / Application	kg
23-154-35 ...	XT tie rod DW 20/75	4.8
23-154-40 ...	XT tie rod DW 20/120	5.9

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. Replaces XT sleeve (29-902-36).



Ref.-No.	Description / Application	kg
29-902-37 ...	XT-Cone DW 20	2.0

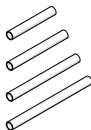
Wall formwork

Mammut XT

Plastic tube D23/200

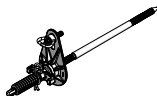
Plastic tube for use as an anchor sleeve for a XT tie rod DW 20.

Ref.-No.	Description / Application	kg
29-902-31 ...	Plastic tube D23/200	11.0
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



XT taper tie 20/...

Coated, with DW 20 thread and conical, smooth middle section. Used for single-sided tying of panels on double-sided formwork. Permissible load 160 kN. With integrated XT articulated flange nut, fixation screw and adjustment rings for centimetre-precise wall thickness adjustment between 15 - 25 cm, 20 - 30 cm, 35 - 45 cm, 45 - 55 cm and 60 - 70 cm.



Ref.-No.	Description / Application	kg
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
23-154-25 ...	XT taper tie 20/45-55	6.8
23-154-30 ...	XT taper tie 20/60-70	7.5

Divinol Wax

Not shown. Paste-like solvent-based wax suitable for all formwork (wood, steel, plastic-coated). Rain resistant. Recommended for use on the XT taper ties.

Ref.-No.	Description / Application	kg
29-203-30 ...	Divinol Wax.....	22.0

Wall formwork

Mammut XT

FB-Aktivstop XT 20 SET

Not shown. Plug made of fibre concrete with an integrated expansion seal to close tapered openings in the wall incl. hammering aid. Only suitable for XT taper tie 20/...

Ref.-No.	Description / Application	kg
29-902-41 ...	FB-Aktivstop XT 20 SET	3.3

XT taper tie seal kit 23x80

Not shown. Cylindric jacking ring with EPDM sealing washer and aluminium thread bolt M8, diam. 23 mm, length 80 mm. Used for subsequent sealing of XT taper tie anchor points in the wall (watertight).

Ref.-No.	Description / Application	kg
29-902-38 ...	XT-Taper tie seal kit 23x80	8.0

XT wrench for seal kit

Not shown. Wrench with depth stop incl. socket 13x65 mm for the installation of XT-Taper tie seal kits, for wall thickness up to 50 cm. Wrench size 13 mm. In order to accomplish the correct tightening of 14 Nm we recommend the application of a torque wrench.

Ref.-No.	Description / Application	kg
23-154-97 ...	XT Wrench for seal kit	0.2

XT sealing cone

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

Ref.-No.	Description / Application	kg
29-902-34 ...	XT sealing cone 5 AL20	1.0
29-902-35 ...	XT sealing cone 10 AL20	1.0



Wall formwork

Mammut XT

XT Fibre concrete plug 47 x 8,5

Nor shown. Made of fibre concrete, to close anchor points on the walls when using XT-seal cones 10 (29-902-35), the plugs are glued in place by concrete glue A + B (53-210-70)

Ref.-No.	Description / Application	kg
29-902-82	...XT-Fibre concrete plug 47 x 8,5.....	6.8

Concrete glue A + B

Not shown. 2-component concrete glue for fair-faced concrete plugs. Quantity is sufficient for 150 plugs.

Ref.-No.	Description / Application	kg
53-210-70	... Concrete glue (A + B)	3.0

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. Two sealing plugs are required per anchor point.



Ref.-No.	Description / Application	kg
29-902-76	...XT-Plug D46.....	5.0

XT combi-Lever

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



Ref.-No.	Description / Application	kg
23-154-90	... XT Combi-Lever.....	0.3

Wall formwork

Mammut XT

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.



Ref.-No.	Description / Application	kg
29-900-97	... Tie rod DW 20/120	3.0

Articulated flange nut

Forged, galvanized. DIN 18216, with DW thread Ø 20 mm, plate Ø 140 mm, max. inclination 10°, WAF 36 mm. Permissible load 160 kN.



Ref.-No.	Description / Application	kg
29-900-05	... Articulated flange nut 20/140	2.4

Cone for plastic tube

Available with 10 mm covering .



Ref.-No.	Description / Application	kg
29-902-55	... Cone for plastic tube D32/10	6.5

Plastic tube D32

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



Ref.-No.	Description / Application	kg
29-902-28	... Plastic tube D32/36 L 2000 mm	10.0

Wall formwork

Mammut XT

Plug D32

For closing the anchor points in the wall when using grooved Plastic tubes D32. Two plugs are required per anchor point.

Ref.-No.	Description / Application	kg
29-902-58 ... Plug D32		3.0



Tie hole plug

Polypropylene, for closing anchor points Ø 15 mm, 27 mm or 35 mm in alkus AL 20 sheets.

Art.-Nr.	Bezeichnung / Anwendung
40-130-50 ... Plug D=16.5/D=15	
29-902-78 ... Tie hole plug D27x20 .	
29-902-79 ... Tie hole plug D35x20 .	
29-902-80 ... Tie hole plug D35x27 .	



Tie wrench DW15/DW20

Made of steel, galvanized. Used to screw in, screw out and hold tie rods DW15 and DW20; length 400 mm.

Ref.-No.	Description / Application	kg
29-901-39 ... Tie wrench DW15/DW20.....		4.5



Spanner

Yellow chromatised bit. WAF 27 or 36 mm. Used to tighten and loosen XT tie rod DW 20, flange nuts 100, articulated flange nuts 15/120 (or 20/140 with WAF 36) and flange screws.

Ref.-No.	Description / Application	kg
29-800-15 ... Spanner SW 36		3.3



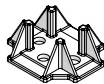
Wall formwork

Mammut XT

Uni-tie claw

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

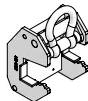
Ref.-No.	Description / Application	kg
29-901-41 ...	Uni-tie claw	1.5



M crane hook

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

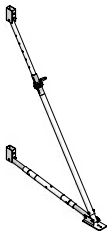
Ref.-No.	Description / Application	kg
29-401-21 ...	M-crane hook	9.6



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.

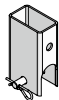
Ref.-No.	Description / Application	kg
29-109-20 ...	Brace frame 250 with formwork-prop connector	31.5



Formwork-prop connector

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

Ref.-No.	Description / Application	kg
29-804-85 ...	Formwork-prop connector	1.7



Wall formwork

Mammut XT

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	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

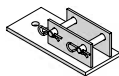
Galvanized. Guarantees tensile and compression strength. Consists of a right and left-hand spindle as well as a revolving central part. Aligns and supports wall and column formwork. The footplate and connectors must be ordered separately.



Ref.-No.	Description / Application	kg
29-108-80 ...	Brace SRL 120(90-150).....	8.8
29-108-90 ...	Brace SRL 170(120-220)	11.5

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.



Ref.-No.	Description / Application	kg
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

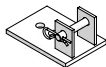


Wall formwork

Mammut XT

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.



Ref.-No.	Description / Application	kg
29-802-48 ...	Articulated foot plate (RS Ø to 57 mm).....	2.3

Head bolt 16/90

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



Ref.-No.	Description / Application	kg
42-413-50 ...	Head bolt 16/90, galv.	0.2

Cotter pin 4

Galvanized. Locks the head bolt.



Ref.-No.	Description / Application	kg
62-010-04 ...	Cotter pin D=4	0.5

Collapsible clip

Not shown. Galvanized. Locks the head bolt.

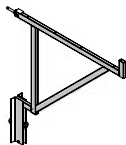
Ref.-No.	Description / Application	kg
62-010-03 ...	Collapsible clip 4.5	0.3

Wall formwork

Mammut XT

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 cm. MEVA Guardrailing post is also required. Bracket spacing depends on type of planking (DIN 4420).



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

Guardrailing post

Galvanized. Is plugged into the walkway bracket.

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



Guardrailing post 48

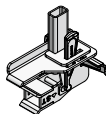
Galvanized. With manifold to be plugged into the walkway bracket and with 48 mm Ø tube to attach scaffold couplers.

Ref.-No.	Description / Application	kg
29-106-80 ...	Guardrailing post 48/120 (UK)	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.



Ref.-No.	Description / Application	kg
29-920-82 ...	Tilting bracket 40/60	5.0

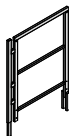
Wall formwork

Mammut XT

Side railing

Galvanized. Is plugged into the walkway bracket.

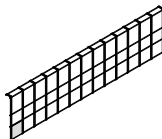
Ref.-No.	Description / Application	kg
29-108-20 ...	Side railing 90/100, galv.	12.3



Safety mesh

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.

Ref.-No.	Description / Application	kg
29-920-00 ...	Safety mesh 1100/2490	15.0
29-920-05 ...	Safety mesh 600/2490	9.8



Universal shoe MFS

Galvanized; 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.

Ref.-No.	Description / Application	kg
29-921-72 ...	Universal shoe MFS	2.1



Scaffold tube

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

Ref.-No.	Description / Application	kg
29-412-23 ...	Scaffold tube 48/200.....	9.4
29-412-26 ...	Scaffold tube 48/300.....	14.1
29-412-27 ...	Scaffold tube 48/400.....	18.8



Wall formwork

Mammut XT

Swivel-joint coupler 48/48

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

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



Lifting hook 60

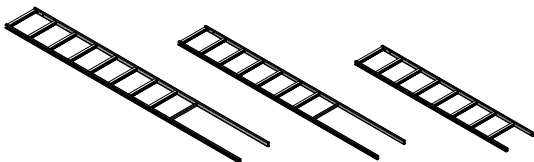
Galvanized. Allows any 4-rope crane slings available on site to be used to move panel stacks. Always use 4 hooks at a time. Max. load capacity 10 kN (1 ton) per lifting hook. Max. weight of a panel stack 2 tons. Refer to the lifting hook Operating Instructions for application and safety test.

Ref.-No.	Description / Application	kg
29-401-40 ...	Lifting hook 60.....	1.7



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.



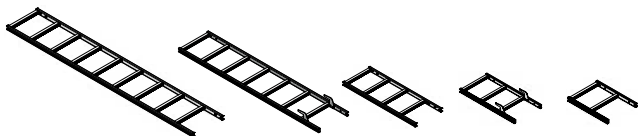
Ref.-No.	Description / Application	kg
29-414-50 ...	Ladder 348.....	23.2
29-414-55 ...	Ladder 318.....	21.1
29-416-50 ...	Ladder 243.....	17.2

Wall formwork

Mammut XT

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.

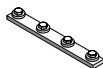


Ref.-No.	Description / Application	kg
29-416-52 ...	Extension ladder 270.....	19.2
29-414-60 ...	Extension ladder 210.....	15.9
29-416-55 ...	Extension ladder 120.....	8.5
29-416-60 ...	Extension ladder 90.....	7.4
29-416-62 ...	Extension ladder 60.....	4.4

Ladder connector

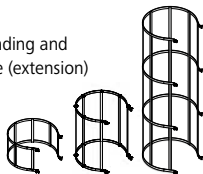
Galvanized. Connects the joint of two extension ladders without the need to hook one ladder into a step of the other.

Ref.-No.	Description / Application	kg
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	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

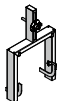
Wall formwork

Mammut XT

Ladder fixture, upper wall formwork

Galvanized. Attached to the multi-function profile at the top of the horizontal or vertical panel to hold the ladder or extension ladder.

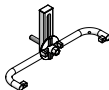
Ref.-No.	Description / Application	kg
29-416-82 ...	Ladder fixture, upper wall formwork	7.9



Ladder fixture, lower wall formwork

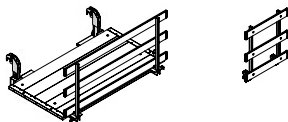
Galvanized. Attached to the multi-function profile at the bottom of the horizontal or vertical panel to hold the ladder or extension ladder.

Ref.-No.	Description / Application	kg
29-416-84 ...	Ladder fixture, lower wall formwork.....	2.4



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.



Ref.-No.	Description / Application	kg
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

Wall formwork

Mammut 350

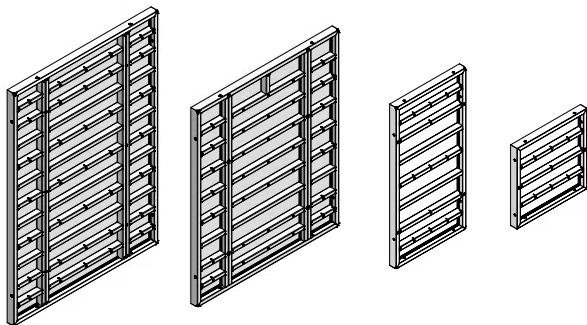


Wall formwork

Mammut 350

Mammut 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 Mammut 350 panels are made of closed steel profiles and are torsion-proof. Mammut 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 welded 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 ...	Mammut 350 AL.....350/250	8.75 ...	581.5
23-005-20 ...	Mammut 350 AL.....350/125	4.38 ...	260.0
23-005-30 ...	Mammut 350 AL.....350/100	3.50 ...	215.5
23-005-35 ...	Mammut 350 AL.....350/ 75	2.63 ...	174.0
23-005-45 ...	Mammut 350 AL.....350/ 55	1.93 ...	139.0
23-005-50 ...	Mammut 350 AL.....350/ 50	1.75 ...	131.0
23-005-55 ...	Mammut 350 AL.....350/ 45	1.58 ...	121.0
23-005-70 ...	Mammut 350 AL.....350/ 30	1.05 ...	93.2
23-005-75 ...	Mammut 350 AL.....350/ 25	0.88 ...	86.0

Wall formwork

Mammut 350

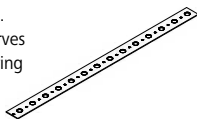
23-006-05 ... Mammut 350 AL.....300/250	7.50 ... 464.0
23-006-20 ... Mammut 350 AL.....300/125	3.75 ... 205.0
23-006-30 ... Mammut 350 AL.....300/100	3.00 ... 170.5
23-006-35 ... Mammut 350 AL.....300/ 75	2.25 ... 138.5
23-006-45 ... Mammut 350 AL.....300/ 55	1.65 ... 113.0
23-006-50 ... Mammut 350 AL.....300/ 50	1.50 ... 106.5
23-006-55 ... Mammut 350 AL.....300/ 45	1.35 ... 100.5
23-006-70 ... Mammut 350 AL.....300/ 30	0.90 ... 81.5
23-006-75 ... Mammut 350 AL.....300/ 25	0.75 ... 75.0

23-007-20 ... Mammut 350 AL.....250/125	3.13 ... 184.0
23-007-30 ... Mammut 350 AL.....250/100	2.50 ... 152.0
23-007-35 ... Mammut 350 AL.....250/ 75	1.88 ... 123.0
23-007-45 ... Mammut 350 AL.....250/ 55	1.38 ... 99.0
23-007-50 ... Mammut 350 AL.....250/ 50	1.25 ... 93.0
23-007-55 ... Mammut 350 AL.....250/ 45	1.13 ... 87.5
23-007-70 ... Mammut 350 AL.....250/ 30	0.75 ... 67.5
23-007-75 ... Mammut 350 AL.....250/ 25	0.63 ... 63.0

23-008-20 ... Mammut 350 AL.....125/125	1.56 ... 98.0
23-008-30 ... Mammut 350 AL.....125/100	1.25 ... 81.0
23-008-35 ... Mammut 350 AL.....125/ 75	0.94 ... 65.0
23-008-45 ... Mammut 350 AL.....125/ 55	0.69 ... 52.0
23-008-50 ... Mammut 350 AL.....125/ 50	0.63 ... 49.0
23-008-55 ... Mammut 350 AL.....125/ 45	0.56 ... 45.5
23-008-70 ... Mammut 350 AL.....125/ 30	0.38 ... 36.5
23-008-75 ... Mammut 350 AL.....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.



Ref.-No.	Description / Application	kg
29-307-50 ...	Foundation tape 50 m.....	20.0

Wall formwork

Mammut 350

Tensioner M for foundation tape

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



Ref.-No.	Description / Application	kg
29-307-60	... Tensioner M for foundation tape.....	1.5

Trolley for foundation tape

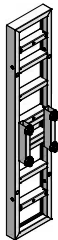
Not shown. Galvanized. Is used to transport and cut foundation tape to length. Suitable for one roll. Pneumatic wheels.

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

Mammut panel 250/50 AL 20 with concreting window

Is used to control the con-cret-ing process when pouring and control is not possible from above.

Ref.-No.	Description / Application	m ²	kg
23-121-10	Mammut AL with concreting window 250/50	1.25	106.5



Mammut 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.

Ref.-No.	Description / Application	m ²	kg
23-121-05	... Mammut AL with filling nozzle 250/50	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



Wall formwork

Mammut 350

Mammut 350-column panel 350

With perforated profile for tensioning screws M350/EA. Can be used to pour columns up to 100 cm wide, pilasters and connections to existing walls. Also usable with hinged corners etc.



Ref.-No.	Description / Application	m ²	kg
23-005-96 ...	Mammut 350 AL-CP...350/125	4.38 ...	325.5
23-006-96 ...	Mammut 350 AL-CP...300/125	3.75 ...	270.0
23-007-96 ...	Mammut 350 AL-CP...250/125	3.13 ...	227.0
23-008-96 ...	Mammut 350 AL-CP...125/125	1.56 ...	120.2

Tension screw M350/EA

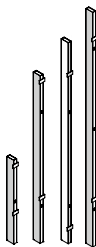
Galvanized. Connects Mammut 350 column panels. A flange nut 100 or an articulated flange nut 15/120 is also required.



Ref.-No.	Description / Application	kg
29-402-98 ...	Tension screw M350/EA	0.9

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 for each filler.



Ref.-No.	Description / Application	m ²	kg
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

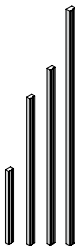
Wall formwork

Mammut 350

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 Mammut 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	20.2
29-400-05 ...	M-timber profile 300/21	0.63	17.4
29-400-15 ...	M-timber profile 250/21	0.53	14.6
29-400-17 ...	M-timber profile 125/21	0.26	7.2



Mammut inside corner

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

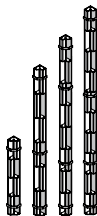
Ref.-No.	Description / Application	m ²	kg
23-136-40 ...	Mammut 350 AL-IC....350/25	1.75	120.5
23-136-50 ...	Mammut 350 AL-IC....300/25	1.50	91.5
23-136-60 ...	Mammut 350 AL-IC....250/25	1.25	85.5
23-136-70 ...	Mammut 350 AL-IC....125/25	0.63	44.0



Mammut outside corner 350

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

Ref.-No.	Description / Application	kg
23-140-30 ...	Mammut 350 OC350.....	78.0
23-140-00 ...	Mammut OC300.....	66.6
23-140-10....	Mammut OC250.....	55.2
23-140-20 ...	Mammut OC125.....	28.5

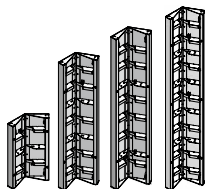


Wall formwork

Mammut 350

Mammut hinged inside corner

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



Ref.-No.	Description / Application	m ²	kg
23-137-30 ... Mammut 350 HIC	350/40	2.73 ...	235.0
23-137-31 ... Mammut HIC	300/40	2.40 ...	197.7
23-137-41 ... Mammut HIC	250/40	2.00 ...	166.0
23-137-51 ... Mammut HIC	125/40	1.00	85.5

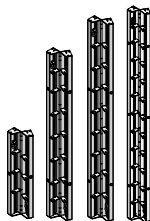
Plug

Not shown, for closing anchor points Ø 15 mm, especially for Mammut hinged inside corner.

Ref.-No.	Description / Application	kg
40-130-50 ... Plug D=16.5/D=15.....		0.1

Mammut hinged outside corner

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



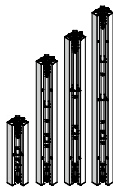
Ref.-No.	Description / Application	m ²	kg
23-137-70.... Mammut 350 HOC.....	350/12,5	0.88 ...	114.6
23-137-71.... Mammut HOC.....	300/12,5	0.76	97.3
23-137-81 ... Mammut HOC.....	250/12,5	0.62	81.6
23-137-91 ... Mammut HOC.....	125/12,5	0.32	42.0

Wall formwork

Mammut 350

Mammut 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 ...	Mammut 350 SC350/25	1.75 ...	189.7
23-151-10 ...	Mammut 350 SC300/25	1.50 ...	162.8
23-151-20 ...	Mammut 350 SC250/25	1.25 ...	141.1
23-151-30 ...	Mammut 350 SC125/25	0.63 ...	80.3

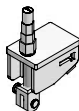
Adhesive tape, red

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

Ref.-No.	Description / Application	kg
41-912-10 ...	Adhesive tape 50 m, red	0.8

Stripping support

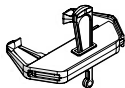
The stripping support is used to easily activate the stripping corner from above. Use a power screwdriver, a ratchet wrench or a spanner to activate the stripping support. The tools must have spanner width (SW) 27 or 30 or 36.



Ref.-No.	Description / Application	kg
29-306-30 ...	Stripping support	5.0

M assembly lock

Galvanized. Tightly connects and aligns Mammut panels.
Clamping length 12 cm.



Ref.-No.	Description / Application	kg
29-400-71 ...	M-assembly lock	3.0

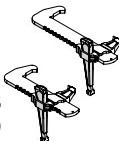
Wall formwork

Mammut 350

Uni-assembly lock

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

Ref.-No.	Description / Application	kg
29-400-85 ...	Uni-assembly lock 22.....	3.6
29-400-90 ...	Uni-assembly lock 28.....	3.9

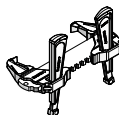


RS-assembly lock

Galvanized, For stepless length compensation.

Clamping length is 11.9 to 20.5 cm for stepless compensation.

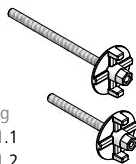
Ref.-No.	Description / Application	kg
23-807-70 ...	RS-assembly lock.....	4.7



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.

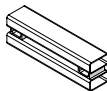
Ref.-No.	Description / Application	kg
29-401-10 ...	Flange screw 18.....	1.1
29-401-12 ...	Flange screw 28.....	1.2



M-cross stiffener 44

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

Ref.-No.	Description / Application	kg
29-401-02 ...	M-cross stiffener 44.....	6.3

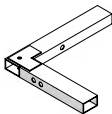


Wall formwork

Mammut 350

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.



Ref.-No.	Description / Application	kg
23-137-63	... M-outside corner bracket, galv.	12.0

Corner angle 40/60

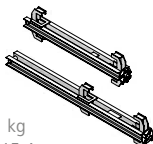
Galvanized. Side lengths 40 and 60 cm. For inside and outside corner.



Ref.-No.	Description / Application	kg
29-402-25	... Corner angle 40/60	9.5

Stop end bracket

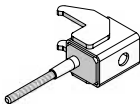
Galvanized. Is used to form stop ends. Stop end bracket 40/60 for wall thickness up to 40 cm. Stop end bracket 2.5' - 60/23 for wall thickness up to 75 cm.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
29-402-70	... Column clamp 21, galv.	4.0
29-402-75	... Column clamp 27, yellow chromated	4.0

Wall formwork

Mammut 350

Plug D27/30

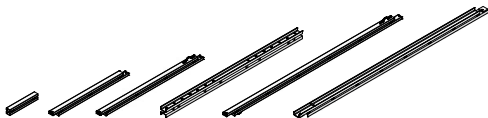
Closes unused Mammut/Mammut 350/Mammut XT-tie holes.

Ref.-No.	Description / Application	kg
29-902-61 ... Plug D27/30		0.3
29-902-67 ... Plug D27/30 without imprint.....		0.2
29-902-68 ... Plug D27 without imprint, flat		1.0



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	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

Support angle for walkway brackets

Galvanized. Is used to support a walkway bracket if the DW-nut on the multi-function profile is covered by an alignment rail. In this case the mounting bracket is fixed to the panel through the alignment rail by a separate flange screw.

Ref.-No.	Description / Application	kg
29-106-95 ... Support angle for walkway brackets.....		3.3



Wall formwork

Mammut 350

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.

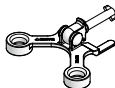
Ref.-No.	Description / Application	kg
29-900-80 ...	Tie rod DW 15/90.....	1.3
29-900-97 ...	Tie rod DW 20/120.....	3.0



Tie rod fixture

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.

Ref.-No.	Description / Application	kg
29-927-05 ...	Tie rod fixture Ø35	1.2



Flange nut 100

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

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



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.

Ref.-No.	Description / Application	kg
29-900-10 ...	Articulated flange nut 15/120 (SW 27)	1.8
29-900-05 ...	Articulated flange nut 20/140	2.4



Wall formwork

Mammut 350

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.



Ref.-No.	Description / Application	kg
29-800-10	... Spanner SW 27	1.8
29-800-15	... Spanner SW 36	3.3

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.



Ref.-No.	Description / Application	kg
29-900-50	... Coupling nut DW 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.



Ref.-No.	Description / Application	kg
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.

Ref.-No.	Description / Application	kg
29-900-61	... Hexagonal nut 20 (SW 36)	0.5



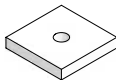
Wall formwork

Mammut 350

Counter plate

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

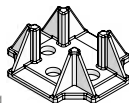
Ref.-No.	Description / Application	kg
29-900-35 ...	Counter plate 120 x 120 x 20/25, galv.....	2.1



Uni-tie claw

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

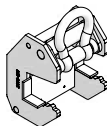
Ref.-No.	Description / Application	kg
29-901-41 ...	Uni-tie claw.....	1.5



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.

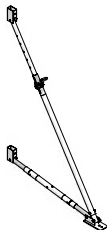
Ref.-No.	Description / Application	kg
29-401-21 ...	M-crane hook	9.6



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.

Ref.-No.	Description / Application	kg
29-109-20 ...	Brace frame 250 with formwork-prop connector.....	31.5

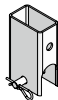


Wall formwork

Mammut 350

Formwork-prop connector

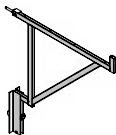
Galvanized. Connects braces, brace frames and push-pull props (max. Ø 48 mm) to the multi-function profile with flange screw 18. Delivery includes head bolt 16/90 and cotter pin 4.



Ref.-No.	Description / Application	kg
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 cm. MEVA Guardrailing post is also required. Bracket spacing depends on type of planking (DIN 4420).



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

Guardrailing post

Galvanized. Is plugged into the walkway bracket.



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

Guardrailing post 48

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



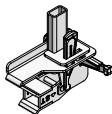
Ref.-No.	Description / Application	kg
29-106-80	... Guardrailing post 48/120 (UK)	5.5

Wall formwork

Mammut 350

Tilting bracket 40/60

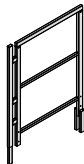
Galvanised. Used to attach MEVA guardrailing posts to create a fall protection system. It can be set up vertically to facilitate the installation of safety meshes or railing boards or inclined by 15° to create a larger working area. Secured with a wedge to the frame profile of 40 and 60 mm.



Ref.-No.	Description / Application	kg
29-920-82 ...	Tilting bracket 40/60	5.0

Side railing

Galvanized. Is plugged into the walkway bracket.



Ref.-No.	Description / Application	kg
29-108-20 ...	Side railing 90/100, galv.	12.3

Scaffold tube

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



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

Swivel-joint coupler 48/48

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



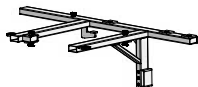
Ref.-No.	Description / Application	kg
29-412-52 ...	Swivel-joint coupler 48/48	1.2

Wall formwork

Mammut 350

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.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
29-404-30 ...	Transport device M 24/160	2.8

Safety plug stacks

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



Ref.-No.	Description / Application	kg
40-131-20 ...	Safety plug M stacks, black	22.0
40-131-25 ...	Safety plug M 350/250 stacks, grey	22.0

Wall formwork

Mammut 350

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.



Ref.-No.	Description / Application	kg
29-401-40 ...	Lifting hook 60.....	1.7

Ladder access

see Mammut XT page 122

Safety System

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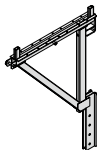


Safety System

SecuritBasic

Walkway bracket SB

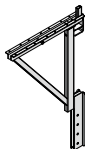
Galvanized. Is attached with 1 flange screw 28 and 1 flange screw 18 to the DW-threaded nuts of the panel's multi-function profile. The aluminium platform is placed onto the scaffolding bracket and secured with the integrated bolt. Front railing and rear railing posts can be plugged into the scaffolding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



Ref.-No.	Description / Application	kg
29-603-10 ...	Walkway bracket SB.....	28.9

Walkway bracket 880 SB

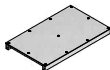
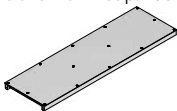
Galvanized. Is attached with 1 flange screw 28 and 1 flange screw 18 to the DW-threaded nuts of the panel's multi-function profile. Is used in inside corner areas only. The aluminium platform is placed onto the scaffolding bracket and secured with the integrated bolt. A front railing post can be plugged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



Ref.-No.	Description / Application	kg
29-603-20 ...	Walkway bracket 880 SB.....	24.6

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.



Ref.-No.	Description / Application	kg
29-600-10 ...	Alu platform M 2470 SB.....	34.5
29-600-25 ...	Alu platform M 1220 SB.....	17.8

Safety System

Alu(minium) platform M 1690 SB

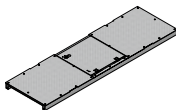
Inside corner platform. Usable for Mammut 350 and Mammut panels that are 250 cm wide. Aluminium support construction with slip-free corrugated aluminium sheet. Working width 75 cm. Admissible load 200 kg/m².



Ref.-No.	Description / Application	kg
29-600-20	...Alu platform M 1690 SB.....	24.9

Alu(minium) platform M 2470 SB with hatch

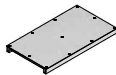
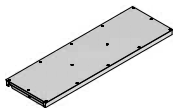
Aluminium support construction with slip-free corrugated aluminium sheet. Working width 75 cm. Admissible load 200 kg/m². Usable for Mammut 350 and Mammut panels that are 250 cm wide.



Ref.-No.	Description / Application	kg
29-600-15	...Alu platform M 2470 SB with hatch	35.7

Alu(minium) platform ST SB

Aluminium support construction with slip-free corrugated aluminium sheet. Working width 75 cm. Admissible load 200 kg/m². Usable for StarTec panels that are 240 cm and 135 cm wide.



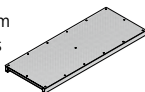
Ref.-No.	Description / Application	kg
29-600-40	...Alu platform ST 2370 SB	31.7
29-600-55	...Alu platform ST 1320 SB	18.9

Safety System

SecuritBasic

Alu(minium) platform ST 1890 SB

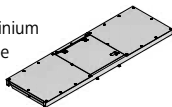
Aluminium support construction with slip-free corrugated aluminium sheet. Working width 75 cm. Admissible load 200 kg/m². Is used as inside corner platform with 2 StarTec panels that are 135 cm wide.



Ref.-No.	Description / Application	kg
29-600-47	... Alu platform ST 1890 SB	25.3

Alu(minium) platform ST 2370 SB with hatch

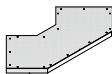
Aluminium support construction with slip-free corrugated aluminium sheet. Working width 75 cm. Admissible load 200 kg/m². Usable for StarTec panels that are 240 cm wide.



Ref.-No.	Description / Application	kg
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 guardrailing post OC SB, and locked into place with the integrated safety pin.



Ref.-No.	Description / Application	kg
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.

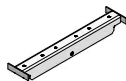


Ref.-No.	Description / Application	kg
29-602-95	... Protection bracket SB	0.6

Safety System

Support for wooden platform

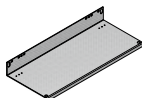
Galvanized. Is used to attach a wooden platform to the walkway bracket SB. The support is screwed to the wooden platform and then secured to the walkway bracket SB with the integrated pin.



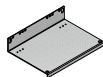
Ref.-No.	Description / Application	kg
29-600-95	... Support for wooden platform.....	6.7

Compensation sheet

Bridges gaps up to 135 cm of 75 cm wide.



Ref.-No.	Description / Application	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.

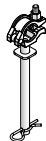
Ref.-No.	Description / Application	kg
29-600-85	... Compensation covering 570 pluggable	7.2



Front guardrail post SB 10

Galvanized. Is used together with a scaffold tube to create a handrail. The front guardrail post SB 10 is plugged into a transport hole of a MEVA wall formwork panel and secured with a cotter pin.

Ref.-No.	Description / Application	kg
29-601-80	... Front guardrail post SB 10	1.2



Safety System

Front railing post SB retractable

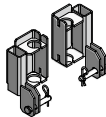
Galvanized, dia. 48.3 mm. Is used to install a retractable front railing SB made of scaffold tubes. On the facing side of the platform, one retractable front railing post is attached with the left retractable support to walkway bracket and the other retractable front railing post is attached using the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



Ref.-No.	Description / Application	kg
29-601-87 ...	Front railing post SB retractable.....	6.2

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.



Ref.-No.	Description / Application	kg
29-601-95 ...	Support railing post SB LH, retractable	2.7
29-601-96 ...	Support railing post SB RH, retractable	2.7

Support for guardrailing post IC SB

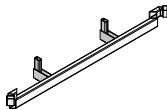
Galvanized. Is used for the attachment of a front guardrailing post. Is attached to the multi-function profile of the wall formwork panel in the inside corner area using a flange screw 18 and a flange screw 28.



Ref.-No.	Description / Application	kg
29-601-92 ...	Support for guardrailing post IC SB.....	15.4

Support for guardrailing post OC SB

Galvanized. Is placed onto 2 Walkway brackets SB and secured to the Alu platform outside corners SB with the integrated pin.



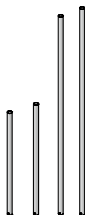
Ref.-No.	Description / Application	kg
29-601-93 ...	Support for guardrailing post OC SB.....	13.2

Safety System

Scaffold tube SB

Galvanized. Is used to assemble front railings for SecuritBasic aluminium platforms.

Ref.-No.	Description / Application	kg
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.

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



Rear railing post SB

Galvanized. Dia. 48.3 mm. Is plugged into the walkway bracket and usable for all rear railing frames.

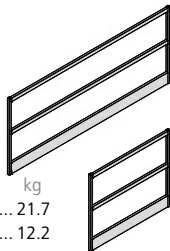
Ref.-No.	Description / Application	kg
29-601-90 ...	Rear railing post SB	4.6



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.

Ref.-No.	Description / Application	kg
29-602-10 ...	Rear railing frame M 2470 SB.....	21.7
29-602-25 ...	Rear railing frame M1220 SB.....	12.2

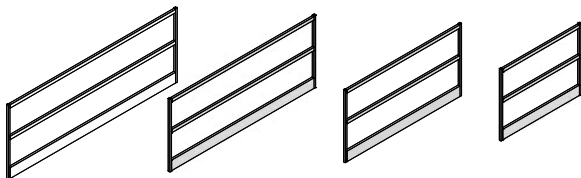


Safety System

SecuritBasic

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 2670 SB, ST 2370 SB, ST 1890 SB and ST 1320 SB.



Ref.-No.	Description / Application	kg
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
29-602-55 ...	Rear railing frame ST 1320 SB.....	13.0

Rear railing frame 1650 SB

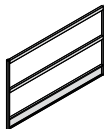
Galvanized. Is suspended into the rear railing posts. With handrail, mid rail and toe board. Usable for aluminium platform M 1690 SB when used to bridge gaps.



Ref.-No.	Description / Application	kg
29-602-60 ...	Rear railing frame 1650 SB.....	16.6

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.

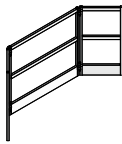


Ref.-No.	Description / Application	kg
29-602-65 ...	Rear railing frame IC 1650 SB.....	15.5

Safety System

Rear railing frame OC SB

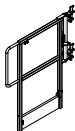
Galvanized. With toeboard midrail and handrail. Is attached to the rear guard railing post and above all used in outside corner areas.



Ref.-No.	Description / Application	kg
29-602-70 ...	Rear railing frame OC SB	27.4

Side railing hinged SB wedge

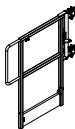
Galvanized. Is used for lateral fall-down protection and also secures the compensation sheets. The side railing is attached at the rear railing frame and secured with a wedge. It can be opened towards the rear railing frame when walking from one platform to another.



Ref.-No.	Description / Application	kg
29-601-77 ...	Side railing hinged SB wedge	13.0

Side railing hinged SB tube coupling

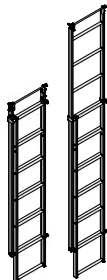
Galvanized. Is used for lateral fall-down protection and also secures the compensation sheets. Is used for railings made of Ø 48 tubes and opened towards the rear railing frame when walking from one platform to another.



Ref.-No.	Description / Application	kg
29-601-78 ...	Side railing hinged SB tube coupler	13.2

Telescopic ladder SB

Galvanized. For all aluminium platforms with hatch.

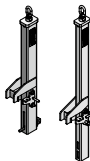


Ref.-No.	Description / Application	kg
29-603-40 ...	Telescopic ladder 2600-4100 SB	27.2
29-603-45 ...	Telescopic ladder 1700-3180 SB	22.4

Safety System

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. For use and safety check see the Operating Instructions.



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

Ladder fixture railing SB

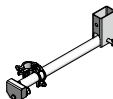
Galvanized. Is required and used to attach the ladder to the handrail of the platform when a formwork unit is height-extended and equipped with platforms on at least two levels.



Ref.-No.	Description / Application	kg
29-603-75 ... Ladder fixture railing SB		1.1

Ladder fixture panel SB

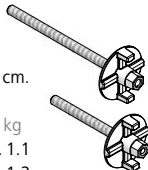
Galvanized. Is used to attach the ladder to the bottom of the bottom panel. One Flange screw 18 must be ordered separately.



Ref.-No.	Description / Application	kg
29-603-80 ... Ladder fixture panel SB		5.3

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.



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

Safety System

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.

Ref.-No.	Description / Application	kg
29-602-97	... Crane eye outside corner SB	1.1



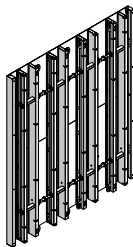


Circular Formwork

Radius

Radius panels

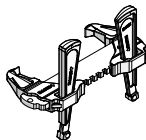
Support profiles made of steel, galvanized, with steel facing. The integrated spindle-system of the pre-assembled panels allows for a stepless adjustment of the radii, starting with 2.50 m. The Radius panels have a Mammut edge profile for panel connection (12 cm high, 6 cm wide). Amount of tie points per panel height: 3 x at panel height 350, 2 x at panel height 300, 1 x 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 panel350/250	8.75 ...	780.0
23-805-30 ...	RS-outside panel300/250	7.50 ...	678.0
23-805-70 ...	RS-outside panel150/250	3.75 ...	369.5
23-805-20 ...	RS-outside panel350/125	4.38 ...	419.0
23-805-40 ...	RS-outside panel300/125	3.75 ...	364.0
23-805-80 ...	RS-outside panel150/125	1.88 ...	198.0
23-806-05 ...	RS-inside panel350/240	8.40 ...	761.0
23-806-30 ...	RS-inside panel300/240	7.20 ...	662.5
23-806-70 ...	RS-inside panel150/240	3.60 ...	361.0
23-806-20 ...	RS-inside panel350/120	4.20 ...	409.5
23-806-40 ...	RS-inside panel300/120	3.60 ...	356.0
23-806-80 ...	RS-inside panel150/120	1.80 ...	193.5

RS-assembly lock

Galvanized, For stepless length compensation.
Clamping length is 11.9 to 20.5 cm for stepless compensation.



Ref.-No.	Description / Application	kg
23-807-70 ...	RS-assembly lock	4.7

Circular Formwork

M-assembly lock

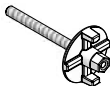
Galvanized. Tightly connects and aligns Mammut panels.
Clamping length 12 cm.



Ref.-No.	Description / Application	kg
29-400-71	... M-assembly lock.....	3.0

Flange screw

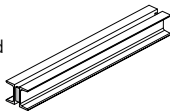
Galvanized. DW thread Ø 15 mm. Is used to attach accessories, e.g. alignment rails, brace frames, push-pull props, etc. Length of thread 18 cm.



Ref.-No.	Description / Application	kg
29-401-10	... Flange screw 18	1.1

Anchor rail RS

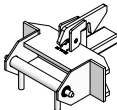
The rail serves to tie the Radius formwork. Together with the shoe the rail is the support for the tying. The rail can be moved sideways on the shoes. The rail transfers the concrete load equally into the panel profiles.



Ref.-No.	Description / Application	kg
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.

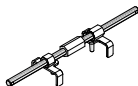


Ref.-No.	Description / Application	kg
23-807-25	... Shoe for anchor rail RS.....	5.8

Circular Formwork

Top tie claw RS

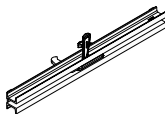
Galvanized. Is pressure-resistant and guarantees tensile strength. Is used to tie above the panels and suspended over the panels between their double profiles. Adjustment range: 150 - 500 mm.



Ref.-No.	Description / Application	kg
23-807-50	Top tie claw RS	3.1

Alignment rail RS

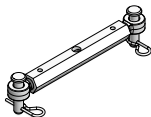
Galvanized. The alignment rail RS is only used when Radius panels are extended with each other. The amount of rails needed, is given by the openings in the steel profiles of the panels (4 at panel width 240 and 250; 2 at panel width 125 and 120). The claw of the integrated assembly locks reaches in into 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.



Ref.-No.	Description / Application	kg
23-807-15	Alignment rail RS	12.2

Additional spindle 270-390 RS

With a radius greater than 5 m a additional spindle 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.



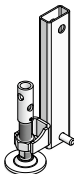
Ref.-No.	Description / Application	kg
23-807-60	Additional spindle 270-390 RS	1.8

Circular Formwork

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.

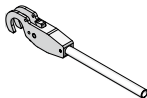
Ref.-No.	Description / Application	kg
23-807-35 ...	Foot spindle RS.....	2.5



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.

Ref.-No.	Description / Application	kg
23-807-40 ...	Ratchet removable	1.5



Stop-end clamp RS

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

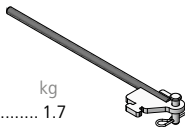
Ref.-No.	Description / Application	kg
23-807-10 ...	Stop end clamp RS	3.1



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.

Ref.-No.	Description / Application	kg
23-807-55 ...	Stop end fixture RS.....	1.7



Circular Formwork

Alignment rails

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

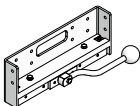
Ref.-No.	Description / Application	kg
29-400-92 ...	M-alignment rail 180, galv.....	24.8
29-201-75 ...	AS-alignment rail 125, galv.....	10.5



Magnet RS 360 x 60 mm

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.

Ref.-No.	Description / Application	kg
23-807-65 ...	Magnet RS 360 x 60.....	5.4



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.

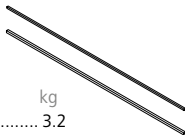
Ref.-No.	Description / Application	kg
23-807-67 ...	Magnet RS d=60/80	1.0



Chamfer strip magnet RS

Is used on steel facing, e.g. on the facing of the Radius circular system.

Ref.-No.	Description / Application	kg
29-903-07 ...	Chamfer strip magnet RS 20/20 L=2.00 m	3.2
29-903-02 ...	Chamfer strip magnet RS 15/15 L=2.00 m	2.2



Circular Formwork

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.



Ref.-No.	Description / Application	kg
29-900-97 ...	Tie rod DW 20/120	3.0

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.



Ref.-No.	Description / Application	kg
29-900-05 ...	Articulated flange nut 20/140	2.4

Spanner SW 36

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



Ref.-No.	Description / Application	kg
29-800-15 ...	Spanner SW 36	3.3

Water stop

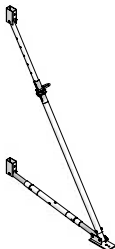
Not shown. Uncoated, lost part; is used with tie rods DW 20 to produce watertight tie points. Max load capacity: 160 kN.

Ref.-No.	Description / Application	kg
29-903-30 ...	Water stop DW 20	1.4

Circular Formwork

Brace frame 250

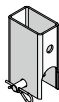
Galvanized. Available with formwork-prop connector. Is used to align and brace the formwork. Consists of a push-pull prop R 250 (190 - 320 cm), a brace SRL 120 (90 - 150 cm) and a double-jointed footplate. The formwork-prop connectors are attached to the formwork with flange screws 18.



Ref.-No.	Description / Application	kg
29-109-20 ...	Brace frame 250 with formwork-prop connector.....	31.5

Formwork-prop connector

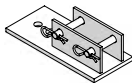
Galvanized; to connect braces, brace frames and push-pull props (maximum Ø 48 mm) to the DW threaded nuts of the Radius profile by means of a flange screw 18. Delivery includes head bolt 16/90 and cotter pin 4.



Ref.-No.	Description / Application	kg
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.



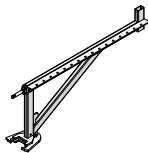
Ref.-No.	Description / Application	kg
29-402-32 ...	Double-jointed foot plate (RS Ø to 57 mm).....	4.0

Circular Formwork

Radius

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 guardrailing post is required.



Ref.-No.	Description / Application	kg
23-807-20	... Walkway bracket RS	6.7

Guardrailing post

Galvanized. Is plugged into the walkway bracket.

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



Guardrailing post 48

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

Ref.-No.	Description / Application	kg
29-106-80	... Guardrailing post 48/120 (UK)	5.5



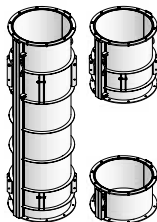
Circular Column Formwork



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.



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
23-600-35 ...	Circo 300/75	7.07 ...	432.0
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
23-600-37 ...	Circo 100/75	2.36 ...	174.0
23-600-32 ...	Circo 100/80	2.51 ...	182.0

Circular Column Formwork

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
23-600-38 ... Circo 50/75	1.13	92.0
23-600-33 ... Circo 50/80	1.26	96.0

63-120-49 ... Hexagonal bolt M16 x 40, galv., DIN 933	4.6
63-130-00 ... Hexagonal locking nut M16, galv., DIN 985.....	1.6
42-413-50 ... Head bolt 16/90, galv.	0.2
62-010-04 ... Cotter pin D=4	0.5

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.

M assembly lock

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

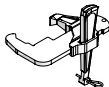


Ref.-No.	Description / Application	kg
29-400-71 ...	M-assembly lock.....	3.0

Circular Column Formwork

Transition lock Circo-Mammut

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



Ref.-No.	Description / Application	kg
29-400-80 ...	Transition lock Circo-Mammut from Ø 65cm	3.4

Brace frame 250

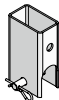
Galvanized. Available with formwork-prop connector. Is used to align and brace the formwork. Consists of a push-pull prop R 250 (190 - 320 cm), a brace SRL 120 (90 - 150 cm) and a double-jointed footplate. Is attached with head bolt 16/90 and cotter pin 4 to the Circo semi-circular half (included in the Circo delivery).



Ref.-No.	Description / Application	kg
29-109-20 ...	Brace frame 250 with formwork-prop connector.....	31.5

Formwork-prop connector

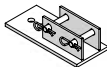
Galvanized; to connect braces, brace frames and push-pull props (maximum Ø 48 mm) to the DW threaded nuts of the Radius profile by means of a flange screw 18. Delivery includes head bolt 16/90 and cotter pin 4.



Ref.-No.	Description / Application	kg
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.

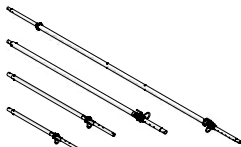


Ref.-No.	Description / Application	kg
29-402-32 ...	Double-jointed foot plate (RS Ø to 57 mm).....	4.0

Circular Column Formwork

Push-pull prop R

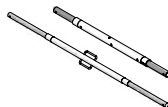
Galvanized. Guarantees tensile and compression strength. Aligns and supports wall and column formwork. The footplate and connectors must be ordered separately.



Ref.-No.	Description / Application	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

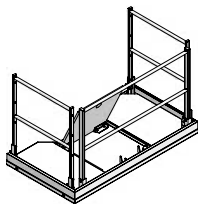
Galvanized. Guarantees tensile and compression strength. Consists of a right and left-hand spindle as well as a revolving central part. Aligns and supports wall and column formwork. The footplate and connectors must be ordered separately.



Ref.-No.	Description / Application	kg
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/m². 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.

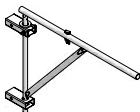


Ref.-No.	Description / Application	kg
29-415-10 ...	Circo-platform	87.0

Circular Column Formwork

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.



Ref.-No.	Description / Application	kg
29-415-20 ...	Circo-scaffolding bracket.....	17.0

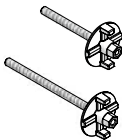
Circo railing tube

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.

Ref.-No.	Description / Application	kg
29-415-25 ...	Circo-railing tube.....	4.5

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.

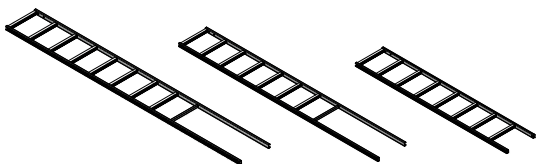


Ref.-No.	Description / Application	kg
29-401-10 ...	Flange screw 18	1.1
29-401-12 ...	Flange screw 28	1.2

Circular Column Formwork

Ladder

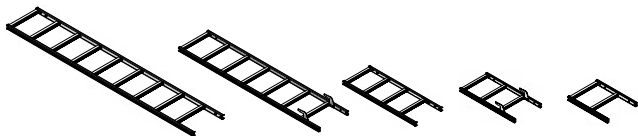
Galvanized. Is hooked into the Circo access platform and automatically secured. Can be extended with extension ladders. Safety cages are required for operational safety.



Ref.-No.	Description / Application	kg
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 Ladder fixture. An additional extension in increments of 30 cm is achieved by hooking an extension ladder into the appropriate step.

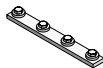


Ref.-No.	Description / Application	kg
29-416-52 ...	Extension ladder 270.....	19.2
29-414-60 ...	Extension ladder 210.....	15.9
29-416-55 ...	Extension ladder 120.....	8.5
29-416-60 ...	Extension ladder 90.....	7.4
29-416-62 ...	Extension ladder 60.....	4.4

Circular Column Formwork

Ladder connector

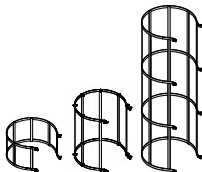
Galvanized. Connects the joint of two extension ladders without the need to hook one ladder into a step of the other.



Ref.-No.	Description / Application	kg
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	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

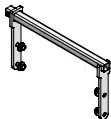
Galvanized. Use the two provided screws to attach the ladder fixture to the push-pull prop connector.



Ref.-No.	Description / Application	kg
29-415-45 ...	Ladder fixture	16.0

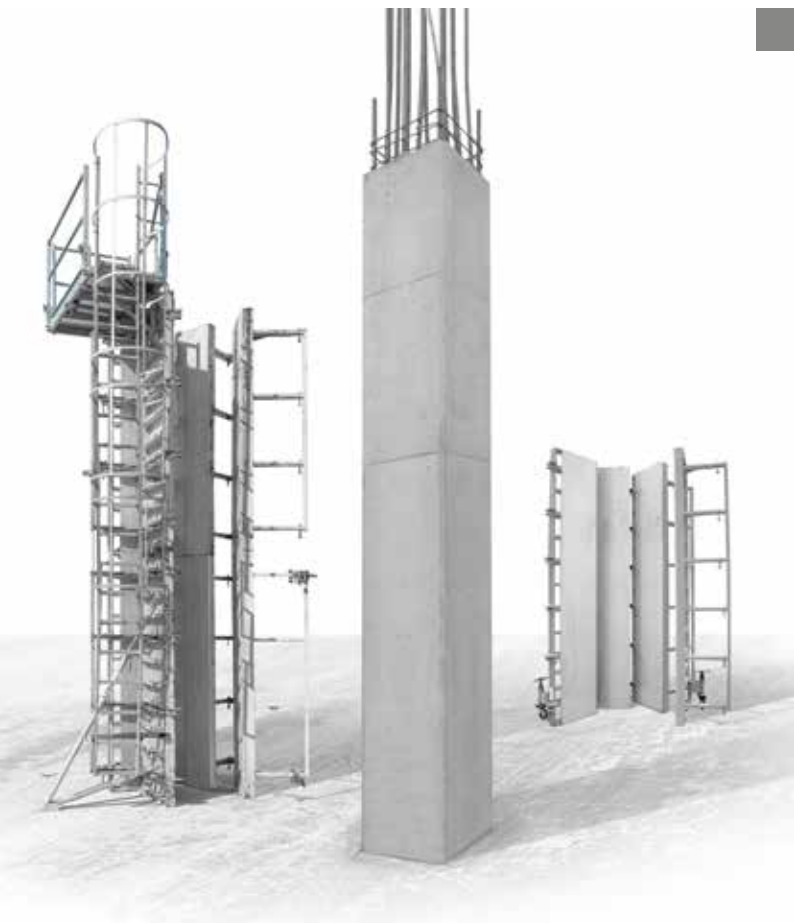
Suspension bracket for extension ladders

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.



Ref.-No.	Description / Application	kg
29-415-50 ...	Suspension bracket for extension ladders	2.6

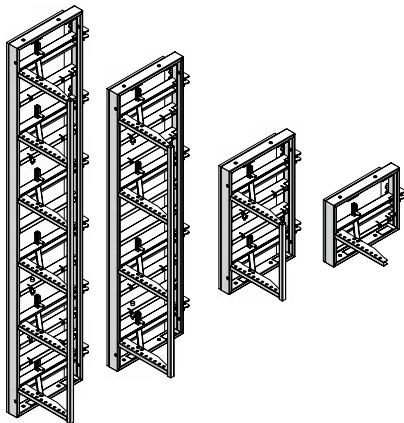
Column Formwork



Column Formwork

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.

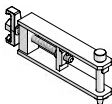


Ref.-No.	Description / Application	m ²	kg
23-603-10 ...	CF-column panel AL 20 360	2.16 ...	203.0
23-603-20 ...	CF-column panel AL 20 270	1.62 ...	152.5
23-603-30 ...	CF-column panel AL 20 120	0.72 ...	73.5
23-603-40 ...	CF-column panel AL 20 60	0.36 ...	40.0

Column Formwork

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.



Ref.-No.	Description / Application	kg
29-413-65 ...	CF-spanner.....	4.6

Flange screw 18

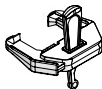
Galvanized. DW thread Ø 15 mm. Is used to attach accessories such as brace frames, push-pull props, CF brackets, CF-ladder fixtures, etc. Length of thread 18 cm.



Ref.-No.	Description / Application	kg
29-401-10 ...	Flange screw 18	1.1

AS assembly lock

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



Ref.-No.	Description / Application	kg
29-205-00 ...	AS-assembly lock.....	2.0

Chamfer strip 15/15

PVC; with perforated strip. Length 2.50 m.

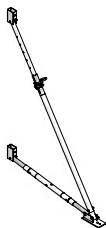


Ref.-No.	Description / Application	kg
29-902-90 ...	Chamfer strip 15/15, PVC (L=2,50m)	0.5

Column Formwork

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	kg
29-109-20 ...	Brace frame 250 with formwork-prop connector.....	31.5

Formwork-prop connector

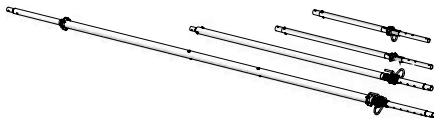
Galvanized. Connects braces, brace frames and push-pull props (max. Ø 48 mm) to the multi-function profile with a flange screw 18. Delivery includes head bolt 16/90 and cotter pin 4.



Ref.-No.	Description / Application	kg
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.

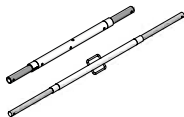


Ref.-No.	Description / Application	kg
29-109-40 ...	Push-pull prop R 160 ..(135-200)	12.6
29-109-60 ...	Push-pull prop R 250 ..(190-320)	17.2
29-109-80 ...	Push-pull prop R 460 ..(340-520)	34.0
29-109-85 ...	Push-pull prop R 630 ..(510-760)	57.0

Column Formwork

Brace SRL

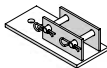
Galvanized. Guarantees tensile and compression strength. Consists of a right and left-hand spindle as well as a revolving central part. Is used to align and support wall formwork. The footplate and the formwork-prop connector must be ordered separately.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
42-413-50 ...	Head bolt 16/90, galv.	0.2

Cotter pin 4

Galvanized. Locks the head bolt.



Ref.-No.	Description / Application	kg
62-010-04 ...	Cotter pin D=4	0.5

Column Formwork

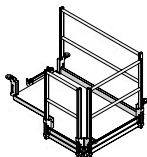
Collapsible clip

Not shown. Galvanized. Locks the head bolt.

Ref.-No.	Description / Application	kg
62-010-03 ...	Collapsible clip 4.55.....	0.3

CF access platform

With pluggable guard-railing; galvanized steel frame covered with non-slipping aluminium. Load capacity 2 kN/m². Is attached to the CF column panels with a CF scaffold bracket and a CF cantilever angle.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
29-414-20 ...	CF-cantilever angle	14.5

Column Formwork

CF front railing

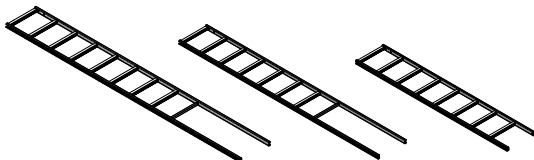
Galvanized. Is plugged into the CF-access platform.



Ref.-No.	Description / Application	kg
29-414-25 ...	CF-front railing	11.0

Ladder

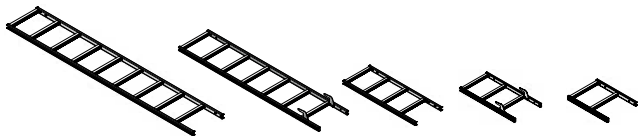
Galvanized. Is hooked into the CF-access platform and automatically secured. Can be extended with extension ladders. Safety cages are required for operational safety.



Ref.-No.	Description / Application	kg
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.

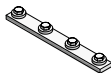


Column Formwork

Ref.-No.	Description / Application	kg
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

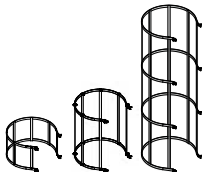
Galvanized. Connects the joint of two extension ladders without the need to hook one ladder into a step of the other.



Ref.-No.	Description / Application	kg
29-414-70 ...	Ladder connector.....	1.0

Safety cage

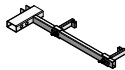
Galvanized. Internal Ø 70 cm. Protects workers when ascending and descending the ladder. The safety cages are attached to the (extension) ladders with the integrated hammerhead screws.



Ref.-No.	Description / Application	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

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.

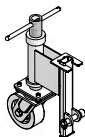


Ref.-No.	Description / Application	kg
29-414-65 ...	CF-ladder fixture.....	5.0

Column Formwork

CF transport wheel

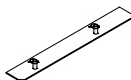
Galvanized. Hard rubber wheels with little rolling friction. For the horizontal transport of closed column formwork. Load capacity 600 kg per wheel. Spindle range 7.5 cm. Always 4 wheels are required for a formwork unit. May be used up to a formwork height of 3.60 m. For use and safety check see the Operating Instructions.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
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.



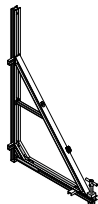
Ref.-No.	Description / Application	kg
29-413-70 ...	CF-transport device 130	1.7



Support Frame STB

Support frame STB 300

Sturdy steel construction, coated: Height 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.



Ref.-No.	Description / Application	kg
29-402-62 ...	Support frame STB 300	169.0

Base extension 300/200

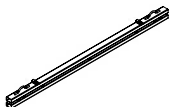
Coated. Supplements the support frame STB 300 for special applications, which require a detailed planning and static calculation by MEVA engineers.



Ref.-No.	Description / Application	kg
29-402-64 ...	Base extension STB 300/200.....	53.2

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.



Ref.-No.	Description / Application	kg
29-403-05 ...	Cross beam 300	60.0

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.

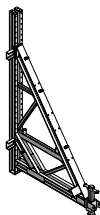


Ref.-No.	Description / Application	kg
29-401-02 ...	M-cross stiffener 44	6.3

Support Frame STB

Support frame 300 Plus

Painted steel; for single-sided walls up to 3.30 m. A spindle allows the formwork to be exactly aligned vertically. In conjunction with STB height extension 50 and STB base extension 57, a pouring height of 4.50 m is possible



Ref.-No.	Description / Application	kg
29-402-60	... Support frame 300 Plus	283.7

STB fixing screw

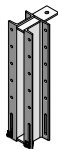
Painted steel; connects the STB compensation rail to the STB height extension 50 or the support frame 300 Plus.



Ref.-No.	Description / Application	kg
29-401-19	... STB fixing screw	1.8

STB compensation rail

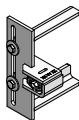
Painted steel; bolted to the STB height extension 50 or support frame 300 Plus with the STB fixing screw so that this can be attached to the slab with anchor dowels.



Ref.-No.	Description / Application	kg
29-402-66	... STB compensation rail	19.5

STB panel support

Painted steel; attached below a cross stiffener of the formwork panels. To attach and support a walkway bracket on the support frame 300 plus.



Ref.-No.	Description / Application	kg
29-402-68	... STB panel support	3.9

Support Frame STB

STB base extension 57

Painted steel; used for the single or multiple backward extension of the support frame 300 Plus and for the attachment of push-pull prop or Triplex.



Ref.-No.	Description / Application	kg
29-402-69 ...	STB base extension 57	28.5

STB height extension 50

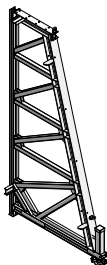
Painted steel; used to increase the height of the support frame 300 Plus; only in connection with push-pull prop or Triplex and STB base extension 57.



Ref.-No.	Description / Application	kg
29-402-63 ...	STB height extension 50	23.2

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.



Ref.-No.	Description / Application	kg
29-406-00 ...	Support frame STB 450	624.0

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	kg
29-406-02 ...	Support frame STB 450 for mobile unit.....	828.0

Support Frame STB

STB Special connector

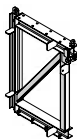
Steel. Used to connect the support frame STB 450 to the STB extension 150 and also to connect the STB extensions 150 to each other when the aluminium platform M 2470 SB with access hatch (29-600-15) is used.



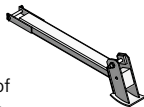
Ref.-No.	Description / Application	kg
29-406-87	... STB Special connector	21.3

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 8 screws M20 which are part of the delivery. The crane eye has an admissible load bearing capacity of 3.2 tonnes.



Ref.-No.	Description / Application	kg
29-406-10	... Height extension STB 150.....	119.0



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.

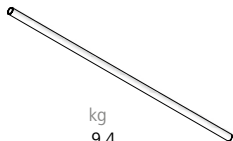
Ref.-No.	Description / Application	kg
29-406-20	... Base extension STB 450.....	40.0

Support Frame STB

Scaffold tube

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

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



Rigid coupler 48/48

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

Ref.-No.	Description / Application	kg
29-412-50 ...	Rigid coupler 48/48.....	1.1



Swivel-joint coupler 48/48

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

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



Bolt-on coupler 48/M14

Galvanized. Permits the attachment of scaffold tubes with Ø 48.3 mm to support frames, climbing brackets, etc.

Ref.-No.	Description / Application	kg
40-080-70 ...	Bolt-on coupler 48/M14.....	0.6



Support Frame STB

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.



Ref.-No.	Description / Application	kg
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.

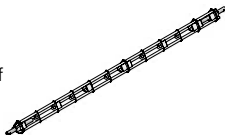


Ref.-No.	Description / Application	kg
29-412-57	... Tube connector 48	1.1

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.

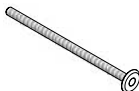


Ref.-No.	Description / Application	kg
29-407-15	... Triplex SB 300 (right-hand thread)	71.0
29-407-17	... Triplex SB 300 (left-hand thread)	71.0
29-407-30	... Triplex intermediate piece SB 50	15.2
29-407-35	... Triplex intermediate piece SB 100	22.1
29-407-40	... Triplex intermediate piece SB 200	37.7
29-407-45	... Triplex intermediate piece SB 300	53.3
29-407-25	... Top unit 73 (left-hand thread)	19.0
29-407-20	... Top unit 73 (right-hand thread)	19.0

Support Frame STB

Fixing screw 35/DW15

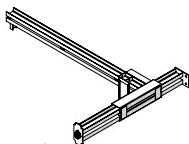
Galvanized. Is used to attach a support frame to the tie holes of panels in horizontal position. A flange nut 100 or an articulated flange nut 15/120 is required.



Ref.-No.	Description / Application	kg
29-401-20 ...	Fixing screw 35/DW15	0.6

Stop end bracket SB 110

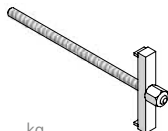
Coated. Is used to form stop ends when the pouring height exceeds 4.00 m. For max. wall thickness 1.10 m. A clamping device for stop end brackets SB 110 (or a tie rod DW 15 with a length of 45 cm) is required to attach the stop end bracket SB 110 to the support frame.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
29-406-60 ...	Clamping device for stop end bracket SB 110.....	1.4

Support Frame STB

Alignment rail

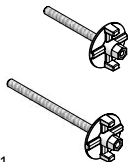
Galvanized. Are used to brace panel joints for crane ganging, bridge problem areas, brace compensation areas and build stop ends with stop end fixtures. Are attached to the formwork with flange screws.



Ref.-No.	Description / Application	kg
29-402-50 ...	M-alignment rail 250, galv.....	34.5
29-402-45 ...	M-alignment rail 350, reinforced.....	124.0
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.



Ref.-No.	Description / Application	kg
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.

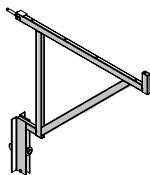


Ref.-No.	Description / Application	kg
29-406-70 ...	Corner bracket STB.....	92.0

Support Frame STB

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 cm. MEVA Guardrailing post is also required. Bracket spacing depends on type of planking (DIN 4420).

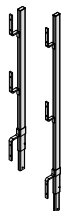


Ref.-No.	Description / Application	kg
29-106-00 ...	Walkway bracket 90 (yellow), galv.....	10.3

Guardrailing post

Galvanized. Is plugged into the walkway bracket.

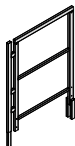
Ref.-No.	Description / Application	kg
29-106-75 ...	Guardrailing post 100.....	3.7
29-106-85 ...	Guardrailing post 140.....	4.7



Side railing

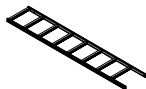
Galvanized. Is plugged into the walkway bracket.

Ref.-No.	Description / Application	kg
29-108-20 ...	Side railing 90/100, galv.	12.3



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.

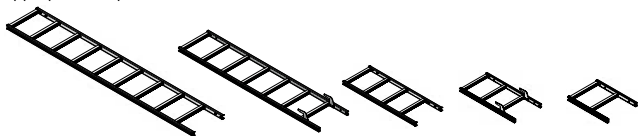


Ref.-No.	Description / Application	kg
29-416-50 ...	Ladder 243.....	17.2

Support Frame STB

Extension ladder

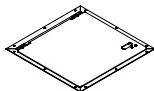
Galvanized. Depending on the required height, the extension ladder is either hooked into the steps of the ladder or bolted to the ladder with the ladder connector. The extension ladder must be secured with the Ladder fixture 33/45. An additional extension in increments of 30 cm is achieved by hooking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



Ref.-No.	Description / Application	kg
29-416-52 ...	Extension ladder 270.....	19.2
29-416-60 ...	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

Access hatch KLK

Galvanized steel frame. Hatch made from checker plate.
Cataphoretic coating; max. opening 88°, self-closing.



Ref.-No.	Description / Application	kg
29-416-05 ...	Access hatch KLK	22.3

Telescopic ladder SB

Galvanized. For all aluminium platforms with hatch.

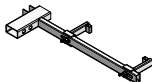
Ref.-No.	Description / Application	kg
29-603-40 ...	Telescopic ladder 2600-4100 SB.....	27.2
29-603-45 ...	Telescopic ladder 1700-3180 SB.....	22.4



Support Frame STB

Ladder fixture 33/45

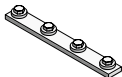
Galvanized. Is attached to the multi-function profile of the wall formwork panel with a flange screw 18. When used for formwork heights from 350 cm to 450 cm, the STB 450 support frame requires three ladders fixtures 33/45. For formwork heights exceeding 450 cm, contact the MEVA application engineering.



Ref.-No.	Description / Application	kg
29-404-35 ...	Ladder fixture 33/45	6.4

Ladder connector

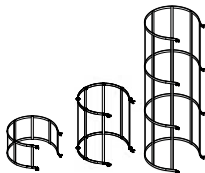
Galvanized. Connects the joint of two extension ladders without the need to hook one ladder into a step of the other.



Ref.-No.	Description / Application	kg
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.

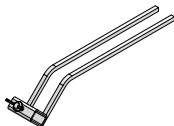


Ref.-No.	Description / Application	kg
29-414-85 ...	Safety cage 210	27.9
29-414-90 ...	Safety cage 85	12.0
29-416-90 ...	Safety cage 40	8.2

Support Frame STB

Anchor support DW 15 - DW 26.5

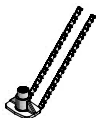
Steel, uncoated. Bottom bent by 45°. Supports DW 15, DW 20 and DW 26.5 tie rods. The tie rods are re-usable if PVC sleeves are used. The anchor support is always attached with the integrated adjusting screw.



Ref.-No.	Description / Application	kg
29-925-80 ...	Anchor support DW 15 - DW 26.5	1.0

Single anchor DW

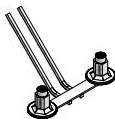
Steel, uncoated. Admissible load: DW 15 = 90 kN, DW 20 = 160 kN, DW 26.5 = 250 kN. Is used for 45° anchoring in the bottom slab when using support frames. Attachment at bottom rebar.



Ref.-No.	Description / Application	kg
29-925-40 ...	Single anchor DW15	0.8
29-925-45 ...	Single anchor DW 20	1.3
29-925-50 ...	Single anchor DW 26.5	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.



Ref.-No.	Description / Application	kg
29-925-60 ...	Double anchor DW 15.....	1.8
29-925-65 ...	Double anchor DW 20.....	2.7

Support Frame STB

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.



Ref.-No.	Description / Application	kg
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

Wobble anchor DW 26.5/80

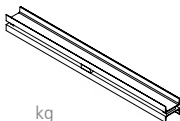
Raw, weldable, length 80 cm, for rear anchoring in the concrete, adm. load capacity: 240 kN



Ref.-No.	Description / Application	kg
29-900-72 ...	Wobble anchor 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.



Ref.-No.	Description / Application	kg
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

Support Frame STB

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.



Ref.-No.	Description / Application	kg
29-001-20 ...	Anchor loop 15	2.4
29-001-25 ...	Anchor loop 20	4.5

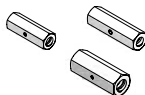
Coupling nut

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	kg
29-900-55 ...	Coupling nut DW 15	0.4
29-900-50 ...	Coupling nut DW 20	0.7
29-900-56 ...	Coupling nut DW 26.5	1.4

Fix anchor

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

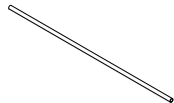
Ref.-No.	Description / Application	kg
29-926-60 ...	Fix anchor DW 15.....	0.5
29-926-65 ...	Fix anchor DW 20.....	0.9
29-926-70 ...	Fix anchor DW 26.5.....	1.9



Support Frame STB

Plastic tube

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



Art.-Nr.	Bezeichnung / Anwendung	
29-902-30 ...	Plastic tube D22/200	8.8
29-902-29 ...	Plastic tube D26/200 for fix anchor DW 15.....	10.0
29-902-28 ...	Plastic tube D32/36 L 2000 mm	10.0

Planing cap DW

Hard foam, 13 cm long, 45° end piece. For DW 15 and DW 20 (or 26.5). Is plugged onto the DW tie rod or on a plastic sleeve for one-sided anchoring of support frames STB. Hole depth 5 cm.



Ref.-No.	Description / Application	kg
29-917-75 ...	Planing cap DW 15.....	1.0
29-917-85 ...	Planing cap DW 26,5.....	1.0

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.



Ref.-No.	Description / Application	kg
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.

Ref.-No.	Description / Application	kg
29-926-95 ...	Adjustable spanner.....	1.6

Support Frame STB

Quick anchor

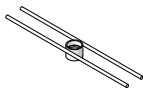
Including anchor plate and spiral spring. Is pressed into the fresh concrete. The thickness of the upper concrete layer is set by adjusting the anchor plate. Secured in the rebar with the quick anchor holder. Extraction force at 24 N/mm²; concrete strength 49.9 kN.



Ref.-No.	Description / Application	kg
29-922-70 ...	Quick anchor.....	0.3
29-922-73 ...	Quick anchor DW 15 anchor plate.....	2.3

Quick-anchor holder

To secure the spiral anchor or the quick anchor in the rebar.



Ref.-No.	Description / Application	kg
29-922-75 ...	Quick-anchor fixture.....	9.0

Spiral spring

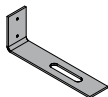
Spare part, remains in concrete.



Ref.-No.	Description / Application	kg
29-922-72 ...	Spiral spring	9.5

Upstand bracket

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



Ref.-No.	Description / Application	kg
29-925-10 ...	Upstand bracket.....	2.1

Support Frame STB

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).



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
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).

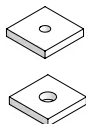
Ref.-No.	Description / Application	kg
29-900-60 ...	Hexagonal nut 15, galv. (SW 30)	0.2
29-900-61 ...	Hexagonal nut 20 (SW 36)	0.5
29-900-58 ...	Hexagonal nut 26.5	0.5



Support Frame STB

Counter plate

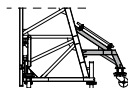
Galvanized. is used to anchor the support frame together with the hexagonal nut. Hole Ø 25 mm or 38 mm.



Ref.-No.	Description / Application	kg
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

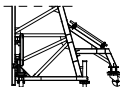
Coated. For swivel-type castors with different load capacities.
Is required for mobile formwork units with support frame STB 450.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
29-406-80 ...	Support Bracket STB 450	59.5

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.

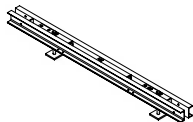


Ref.-No.	Description / Application	kg
29-406-85 ...	Adapter for swivel-type castor STB 450	19.0

Support Frame STB

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.



Ref.-No.	Description / Application	kg
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.

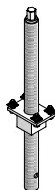
Ref.-No.	Description / Application	kg
29-403-75 ...	Wheel adapter for trolley waler	12.0



Trolley spindle 48/70

Galvanized. Is used to raise or lower the support frame units when attaching the swivel-type castors.

Ref.-No.	Description / Application	kg
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. Mounting with M12x35. Lanyards must be ordered separately.



Ref.-No.	Description / Application	kg
29-306-50 ...	Swivel-type castor 2 t	8.3

Support Frame STB

Swivel-type castor 6 tons

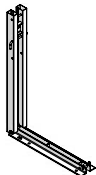
Load capacity 6 tons; with ball bearing; total height 330 mm; plate size 225 x 200 mm, screw hole spacing 210 x 200 mm, drill hole Ø 18 mm, cantilever 85 mm. Mounting with M16x50. Lanyards must be ordered separately.



Ref.-No.	Description / Application	kg
29-306-75	... Swivel-type castor 6 t	22.1

Brace bracket SK 150

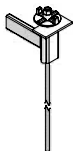
Coated. Is used to form stop ends for foundation slabs with a max. thickness of 1.50 m. Braces SRL 120 or SRL 170 must be ordered separately.



Ref.-No.	Description / Application	kg
29-403-50	... Brace bracket SK 150	38.0

Positioning support SK

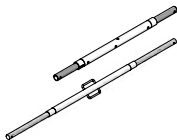
Coated. Permits the exact levelling and positioning of stop ends when used with the brace bracket SK 150, even on a sloped surface.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
29-108-80	... Brace SRL 120(90-150).....	8.8
29-108-90	... Brace SRL 170(120-220)	11.5

Support Frame STB

Push-pull prop R

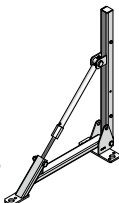
Galvanized. Guarantees tensile and compression strength. Aligns and supports wall formwork. The footplate and formwork-prop connector must be ordered separately.



Ref.-No.	Description / Application	kg
29-109-80 ...	Push-pull prop R 460 .(340-520)	34.0

Brace bracket 80

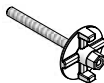
Galvanized. Can be used for floor slabs and slab ends up to 80 cm high. Can be inclined by up to +/- 15°. With plastic nail bar. Can be folded for transport.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
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).



Ref.-No.	Description / Application	kg
29-800-45 ...	Double-headed ground nail 25/480	2.0

Support Frame STB

Remover for soil nail

Is used to remove the ground nail from the earth together with a lever rod (not supplied).



Ref.-No.	Description / Application	kg
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.

Ref.-No.	Description / Application	kg
29-915-15	... Pressure gauge 250 kN.....	6.4
29-915-00	... Pressure gauge 400 kN.....	6.4

STB & SecuritBasic

STB Special connector

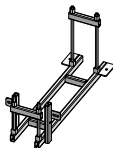
Steel. Used to connect the support frame STB 450 to the STB extension 150 and also to connect the STB extensions 150 to each other when the aluminium platform M 2470 SB with access hatch (29-600-15) is used.



Ref.-No.	Description / Application	kg
29-406-87	... STB Special connector	21.3

Horizontal girder STB 450 SB

Steel, painted. Used in STB 450 to support the aluminium platform M 2470 SB with access hatch (29-600-15). Two horizontal girders STB are required for each platform.

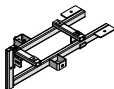


Ref.-No.	Description / Application	kg
29-406-25	... Horizontal girder STB 450 SB.....	16.9

Support Frame STB

Horizontal girder STB-Extension 150 SB

Steel, painted. Used in the STB extension 150 to support the aluminium platform M 2470 SB with access hatch (29-600-15). Two horizontal girders STB are required for each platform.



Ref.-No.	Description / Application	kg
29-406-27	... Horizontal girder STB-Extension 150 SB	12.2

Front railing post retractable STB 450

Steel, painted. Used to create a retractable front railing STB with scaffold tubes. It is attached to the facing side of SecuritBasic as part of the fall protection equipment together with the support for guardrailing post IC. Two front railing posts are required for each platform.



Ref.-No.	Description / Application	kg
29-406-29	... Front railing post retractable STB 450	6.2

Toe board holder STB SB

Steel, galvanized. Used to secure the toe board STB 480 SB to the aluminium platform M 2470 SB with access hatch (29-600-15) when the platform is used in the STB 450. Two toe board supports STB SB are required for each platform.



Ref.-No.	Description / Application	kg
29-406-62	... Toe board holder STB SB	1.0

Support Frame STB

Toe board STB 480 SB

Steel, painted. Length = 480 mm. Used to prevent tools and material falling off the working platform. This toe board is required when the platform is used in the support frame STB 450 (not in the STB extension 150). It is secured to the platform at the outer ends outside the support frames using toe board holder STB SB. Two toe boards STB 480 are required for each platform. An additional toe board STB 1290 SB must be ordered for this application to secure the area between the support frames STB 450.

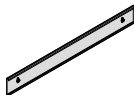
Ref.-No.	Description / Application	kg
29-406-64 ...	Toe board STB 480 SB	2.5



Toe board STB 1290 SB

Steel, painted. Length = 1290 mm. Used to prevent tools and material falling off the working platform. This toe board is required when the platform is used in the support frame STB 450 (not in the STB extension 150). It is attached to the horizontal girder STB 450 SB. One toe board STB 1290 is required for each platform. Two additional toe boards STB 480 SB must be ordered for this application to secure the area beyond the support frames STB 450.

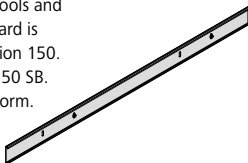
Ref.-No.	Description / Application	kg
29-406-66 ...	Toe board STB 1290 SB	6.3



Toe board STB 2470 SB

Steel, painted. Length = 2470 mm. Used to prevent tools and material falling off the working platform. This toe board is required when the platform is used in the STB extension 150. It is attached to the horizontal girder STB extension 150 SB. One toe board STB 2470 SB is required for each platform.

Ref.-No.	Description / Application	kg
29-406-68 ...	Toe board STB 2470 SB	11.9



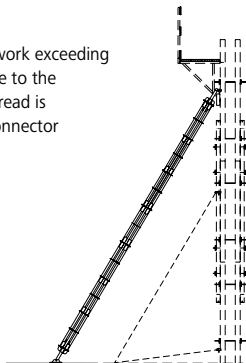
Heavy-duty braces



Heavy-duty braces

Triplex R

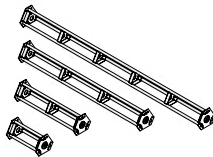
Galvanized. Braces and aligns wall and column formwork exceeding 6.00 m. Is delivered in modules and assembled on site to the required length. The Triplex R 300 with right-hand thread is provided with a foot plate 48. The formwork-prop connector must be ordered separately.



Ref.-No.	Description / Application	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

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).



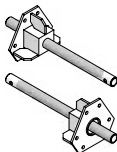
Ref.-No.	Description / Application	kg
29-407-50 ...	Triplex intermediate piece R 50	11.5
29-407-55 ...	Triplex intermediate piece R 100	15.9
29-407-60 ...	Triplex intermediate piece R 200	23.8
29-407-65 ...	Triplex intermediate piece R 300	32.6

63-120-49 ...	Hexagonal bolt M16 x 40, galv., DIN 933	4.6
63-130-00 ...	Hexagonal locking nut M16, galv., DIN 985	1.6

Heavy-duty braces

Top unit 48

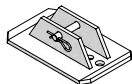
Galvanized. With adjustable spindle (Ø 48.3 mm).
1 top unit 48 left and 1 top unit 48 right are required to assemble a Triplex brace. Top unit 48 right includes hexagonal screws M16x40 and locking nuts M16.



Ref.-No.	Description / Application	kg
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

Foot plate 48

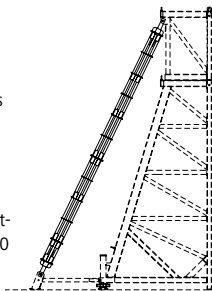
Galvanized. Particularly solid foot plate for braces up to Ø 48.3 mm such as Triplex R. Delivery includes head bolt 16/90 and cotter pin 4.



Ref.-No.	Description / Application	kg
29-407-75 ...	Foot plate 48.....	5.5

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.

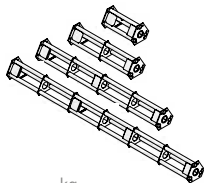


Ref.-No.	Description / Application	kg
29-407-15 ...	Triplex SB 300 (right-hand thread)	71.0
29-407-17 ...	Triplex SB 300 (left-hand thread)	71.0

Heavy-duty braces

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).



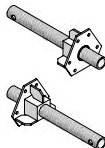
Ref.-No.	Description / Application	kg
29-407-30 ...	Triplex intermediate piece SB 50.....	15.2
29-407-35 ...	Triplex intermediate piece SB 100.....	22.1
29-407-40 ...	Triplex intermediate piece SB 200.....	37.7
29-407-45 ...	Triplex intermediate piece SB 300.....	53.3

63-120-49 ... Hexagonal bolt M16 x 40, galv., DIN 933 4.6

63-130-00 ... Hexagonal locking nut M16, galv., DIN 985..... 1.6

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.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
29-407-74 ...	Foot plate 73.....	9.6

Heavy-duty braces

Formwork-prop connector

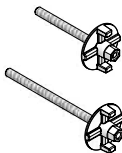
Galvanized. Is used to connect a Triplex brace to the multi-function profile with a flange screw 18. Delivery includes head bolt 16/90 and cotter pin 4.



Ref.-No.	Description / Application	kg
29-804-85 ...	Formwork-prop connector	1.7

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.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
42-413-50 ...	Head bolt 16/90, galv.	0.2

Cotter pin 4

Galvanized. Locks the head bolt.



Ref.-No.	Description / Application	kg
62-010-04 ...	Cotter pin D=4	0.5

Slab Formwork

 **meva**

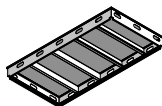
MevaDec



Slab Formwork

MevaDec-e

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

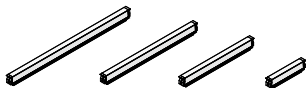


Ref.-No.	Description / Application	m ²	kg
22-305-10 ... MevaDec-e AL	160/ 80	1.28	20.7
22-305-15 ... MevaDec-e AL	160/ 60	0.96	16.7
22-305-20 ... MevaDec-e AL	160/ 40	0.64	12.8
22-305-30 ... MevaDec-e AL	80/80	0.64	11.5
22-305-35 ... MevaDec-e AL	80/60	0.48	9.2
22-305-40 ... MevaDec-e AL	80/40	0.32	6.9

22-305-09 ... MevaDec-e BP	160/ 80	1.28	18.3
22-305-14 ... MevaDec-e BP	160/ 60	0.96	14.9
22-305-19 ... MevaDec-e BP	160/ 40	0.64	11.6
22-305-29 ... MevaDec-e BP	80/80	0.64	10.3
22-305-34 ... MevaDec-e BP	80/60	0.48	8.3
22-305-39 ... MevaDec-e BP	80/40	0.32	6.3

MevaDec-e primary beam

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



Ref.-No.	Description / Application	m ²	kg
22-305-50 ... MevaDec-e primary beam	270	0.27	22.0
22-305-55 ... MevaDec-e primary beam	210	0.21	17.2
22-305-60 ... MevaDec-e primary beam	160	0.16	13.1
22-305-65 ... MevaDec-e primary beam	80	0.08	6.7

Slab Formwork

MevaDec-e secondary beam

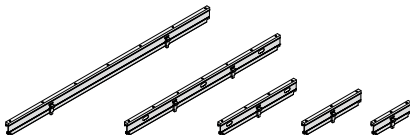
Aluminium profile with nailing strip. If used with the drop-head-beam-panel method, it is used for length compensation purposes.



Ref.-No.	Description / Application	m ²	kg
22-305-80 ...	MevaDec-e secondary beam 160/21.....	0.02	6.9
22-305-85 ...	MevaDec-e secondary beam 80/21.....	0.01	3.6

MevaDec-e compensation beam

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



Ref.-No.	Description / Application	m ²	kg
22-306-10 ...	MevaDec-e compensation beam 210/21	0.44	5.9
22-306-20 ...	MevaDec-e compensation beam 160/21	0.34	4.5
22-306-30 ...	MevaDec-e compensation beam 80/21	0.17	2.3
22-306-40 ...	MevaDec-e compensation beam 60/21	0.13	1.7
22-306-50 ...	MevaDec-e compensation beam 40/21	0.08	1.2

Slab Formwork

MevaDec-e drop head

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

Ref.-No.	Description / Application	m ²	kg
29-301-05 ...	MevaDec-e drop head (plug-in version)	0.01	7.3



MevaDec-e ASV for inclined slabs

Steel, galvanized. Anchoring device (ASV) for inclined slabs. For installation on the MevaDec-e drop head (plug-in version). Allows anchoring using two eyelets.

Ref.-No.	Description / Application	kg
29-303-30 ...	MevaDec-e ASV for inclined slabs	1.2



MevaDec-e panel connector

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

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



MevaDec-e restraint mechanism panel connector

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

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



Slab Formwork

MevaDec-e prop connector lowerable panel

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

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



MevaDec-e prop connector lowerable beam

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

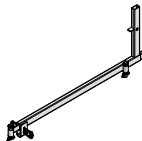
Ref.-No.	Description / Application	kg
29-301-20	... MevaDec-e prop connector lowerable beam	7.6



MevaDec-e support GRP pr. beam adjust.

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

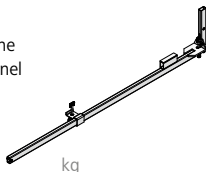
Ref.-No.	Description / Application	kg
29-303-05	... MevaDec-e support GRP pr. beam adjust.....	5.8



MevaDec-e support GRP panel 160

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

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



Slab Formwork

MevaDec-e support GRP panel adjust.

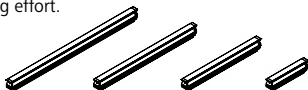
Steel, galvanized, telescopic. Used to attach the guardrailing post to the MevaDec-e panel in corner areas. Attached to the support for guardrailing post / panel 160.



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

MD primary beam

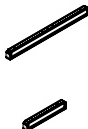
Aluminium with high-quality annealed powder coating. Primary beams and MD drop heads are the load-bearing system of MevaDec. The grooves are punched to reduce the cleaning effort.



Ref.-No.	Description / Application	m ²	kg
72-300-98	... MD-primary beam 270	0.27	24.0
72-301-00	... MD-primary beam 210	0.21	18.0
72-301-10	... MD-primary beam 160	0.16	14.0
72-301-20	... MD-primary beam 80	0.08	7.4

MD secondary beam

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



Ref.-No.	Description / Application	m ²	kg
22-301-50	... MD-secondary beam 160	0.02	9.0
22-301-60	... MD-secondary beam 80	0.01	4.0

Slab Formwork

MD drop head

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



Ref.-No.	Description / Application	m ²	kg
79-301-45 ...	MD-drop head (plug-in version).....	0.01	8.3

MD prop head

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

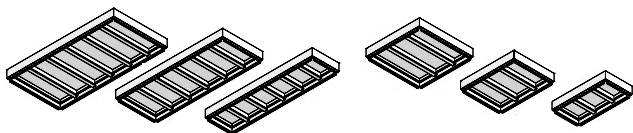


Ref.-No.	Description / Application	kg
79-301-85 ...	MD-prop head (plug-in version).....	2.7

Slab Formwork

MD panel

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



Ref.-No.	Description / Application	m ²	kg
72-300-51 ...	MD-panel160/ 80	1.28	22.1
72-300-56 ...	MD-panel160/ 60	0.96	17.9
72-300-61 ...	MD-panel160/ 40	0.64	13.5
72-300-71 ...	MD-panel 80 /80	0.64	11.8
72-300-76 ...	MD-panel 80/ 60	0.48	9.5
72-300-81 ...	MD-panel 80/ 40	0.32	7.4

MD compensation beam

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



Ref.-No.	Description / Application	m ²	kg
72-302-50 ...	MD-compensation beam 160	0.34	5.0
72-302-60 ...	MD-compensation beam 80	0.17	3.0
72-302-80 ...	MD-compensation beam 60	0.13	1.7
72-302-70 ...	MD-compensation beam 40	0.08	1.0

Slab Formwork

MD assembly lock

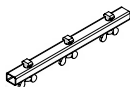
Galvanized. Tightly connects and aligns MD panels with each other as well as the MD compensation beam with the MD panels. Clamping length 4.4 cm.



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

MD beam stiffener

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



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

MD prop connector

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



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

MD safety claw

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



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

Slab Formwork

MD assembly stick 340

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

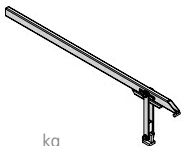
Ref.-No.	Description / Application	kg
29-302-35	MD-assembly stick 340.....	4.1



MD stripping support

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

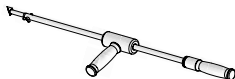
Ref.-No.	Description / Application	kg
29-302-40	MD-dismantling auxiliary	2.9



Cleaning scraper

Galvanized. With chisel. Is used to clean the groove of the MD primary beam.

Ref.-No.	Description / Application	kg
29-905-90	MD-cleaning scraper	2.8
40-092-55	Spare blade for cleaning scraper	0.1



MD cover profile 10

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

Ref.-No.	Description / Application	kg
29-302-60	MD-cover profile 10, l=1,5 m	1.1

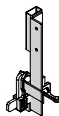


Slab Formwork

MevaDec-e support for guard-railing post /panel

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

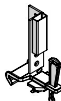
Ref.-No.	Description / Application	kg
79-301-60	... MD-support for guard-railing post /panel	2.9



MevaDec-e support for guard-railing post /beam

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

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



Guard-railing post

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

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



Guardrailing post 48

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

Ref.-No.	Description / Application	kg
29-106-80	... Guardrailing post 48/120 (UK)	5.5

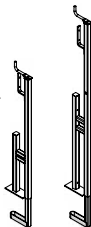


Slab Formwork

Railing clamp

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

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



Scaffold tube

Galvanized. Used as a handrail in combination with guardrailing post 48.

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



Swivel-joint coupler 48/48

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

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



MD laser support

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

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

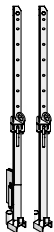


Slab Formwork

Transport angle 14

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

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



Swivel-type castor 100

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

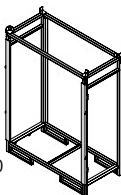
Ref.-No.	Description / Application	kg
29-305-95 ...	Swivel-type castor 100	1.2



MD transport rack

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

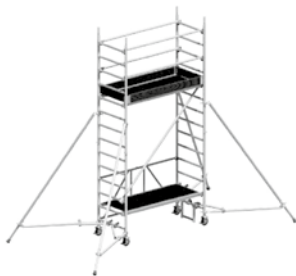
Ref.-No.	Description / Application	kg
27-000-60 ...	MD-transport rack.....	128.0



Slab Formwork

MAB MEVA working platform

For work at low heights. Basic scaffold made of aluminium for alternating (first one side then the other) plug-in assembly; aluminium railings and diagonal braces can be easily and securely installed. Working floors made up of an aluminium frame and plywood inserts, also as an access bridge for safe internal access. Sturdy swivel-type castors (permanently mounted) for a high level of stability. Equipped with scaffold props. Working height 4.61 m, scaffold height 3.83 m, platform height 2.61 m. The permissible loading is 2.0 kN/m² on a maximum of one working level (scaffold group 3 according to DIN EN 1004:2005)

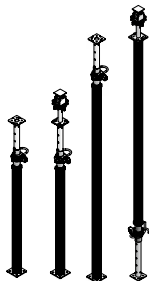


Ref.-No.	Description / Application	kg
29-919-00 ...	MAB-MEVA-Working platform.....	145.5

Slab Formwork

MEP prop with SAS

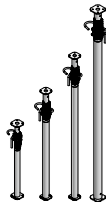
Prop in accordance with EN 1065 class E. Steel inner tube and aluminium outer tube with T groove to attach reinforcing frames. The SAS quick-lowering system enables the load on the prop to be released with one strike of a hammer. When stripping, it returns automatically to its original position. Load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



Ref.-No.	Description / Application	m ²	kg
29-907-65 ...	MEP-prop 300 with SAS (185-300)	26.7	
29-908-40 ...	MEP-prop 300 with MD-drop head	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	0.01	42.8

EuMax 30

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



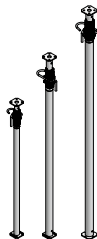
Ref.-No.	Description / Application	m ²	kg
29-907-46 ...	EuMax 30/150.....(98-150).....	10.4	
29-907-51 ...	EuMax 30/250.....(152-250)	18.1	
29-908-11 ...	EuMax 30/250 with MD-drop head	0.01	26.5
29-907-61 ...	EuMax 30/350.....(202-350)	23.0	
29-908-20 ...	EuMax 30/350 with MD-drop head	0.01	31.5
29-907-62 ...	EuMax 30/450.....(252-450)	32.4	
29-908-24 ...	EuMax 30/450 with MD-drop head	0.01	40.8

Slab Formwork

EuMax 20

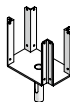
Galvanized. Prop in accordance with EN 1065, class D. Permissible load capacity at all extension lengths is 20 kN. When used together with MEVA formwork systems, higher loads are permitted (refer to the MevaDec Technical Instruction Manual).

Ref.-No.	Description / Application	m ²	kg
29-907-36 ...	EuMax 20/300.....(177-300)	16.9	
29-908-17 ...	EuMax 20/300 with MD-prop head	0.01	20.0
29-907-41 ...	EuMax 20/400.....(232-400)	23.8	
29-908-27 ...	EuMax 20/400 with MD-prop head	0.01	27.0
29-907-45 ...	EuMax 20/550.....(302-550)	37.0	
29-908-29 ...	EuMax 20/550 with MD-prop head	0.01	40.2



Forked prop head

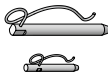
Galvanized. Used to directly support the MevaDec primary beam in areas where a drop head cannot be used. The forked prop head 20 is used in conjunction with formwork girder H20.



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

Pin

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

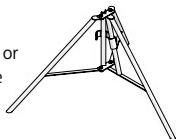


Ref.-No.	Description / Application	kg
29-909-90 ...	Pin 14/135	0.2
29-803-55 ...	Pin 14/90e.....	0.1

Slab Formwork

Tripod

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



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

Accessories for attachment

Used to attach the drop head to the MEP props.



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

Slab Formwork

 **meva**

MevaFlex



Slab Formwork

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.

Ref.-No.	Description / Application	m ²	kg
29-324-30 ...	Shuttering panel 3S250/ 50	1.25	11.8
29-324-20 ...	Shuttering panel 3S200/ 50	1.00	9.5
41-324-10 ...	Shuttering panel 3S150/ 50	0.75	8.0
41-324-00 ...	Shuttering panel 3S100/ 50	0.50	5.5
41-324-60 ...	Shuttering panel 3S300/100	3.00	31.0
41-324-35 ...	Shuttering panel 3S250/100	2.50	26.0
41-324-25 ...	Shuttering panel 3S200/100	2.00	21.0



Shuttering panel 7S

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

Ref.-No.	Description / Application	m ²	kg
41-324-40 ...	Shuttering panel 7S250/125	3.13	33.0

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 kN, M = 5 kNm.

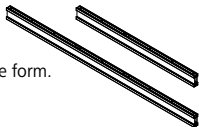
Ref.-No.	Description / Application	kg
29-206-02 ...	Formwork girder H20/245	12.3
29-206-05 ...	Formwork girder H20/290	14.5
29-206-10 ...	Formwork girder H20/330	16.5
29-206-20 ...	Formwork girder H20/390	19.5
29-206-30 ...	Formwork girder H20/450	22.5
29-206-45 ...	Formwork girder H20/490	24.5
29-206-48 ...	Formwork girder H20/590	29.5



Slab Formwork

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

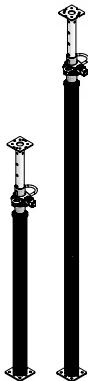


Ref.-No.	Description / Application	kg
29-216-15 ...	MEVA alu-beam 20/245	26.2
29-216-45 ...	MEVA alu-beam 20/390	42.0

MEP prop with SAS

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).

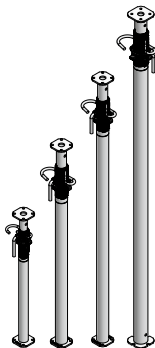
Ref.-No.	Description / Application	kg
29-907-65 ...	MEP prop 300 with SAS (185-300)	26.7
29-907-70 ...	MEP prop 450 with SAS (300-450)	34.3



Slab Formwork

EuMax 30

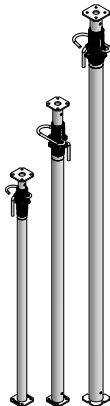
Galvanized. Complies with European standard EN 1065, class E.
The admissible load is 30 kN at all extensions. When used with MEVA formwork systems, higher loads may be admitted (see the MevaDec Technical Instruction Manual).



Ref.-No.	Description / Application	kg
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 is 20 kN at all extensions. When used with MEVA formwork systems, higher loads may be admitted (see the MevaDec Technical Instruction Manual).



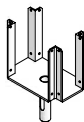
Ref.-No.	Description / Application	kg
29-907-36 ...	EuMax 20/300.....(177-300)	16.9
29-907-41 ...	EuMax 20/400.....(232-400)	23.8
29-907-45 ...	EuMax 20/550.....(302-550)	37.0

Slab Formwork

Forked prop head

Galvanized. Supports wooden formwork girders. Is attached to EuMax props with pin 14/90e or to MEP props with pin 14/135. The forked prop head 20 is used with H20 formwork girders

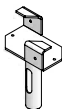
Ref.-No.	Description / Application	kg
29-206-40 ...	Forked prop head H20	3.0



Beam clamp H20

Galvanized. Is used to position intermediate props below H20 girders. Is attached to Eumax props with pin 14/90e or to MEP props with pin 14/135.

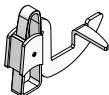
Ref.-No.	Description / Application	kg
29-907-00 ...	Beam clamp H20	0.8



Connector Clip H20

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

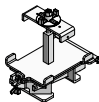
Ref.-No.	Description / Application	kg
29-930-85 ...	Connector Clip H20	0.7



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	kg
29-107-40 ...	Folding head with wedge	17.2



Slab Formwork

Pin

Galvanized. Is used to secure forked prop heads, beam clamps etc. to props. Pin 14/90e 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.



Ref.-No.	Description / Application	kg
29-803-55 ...	Pin 14/90e.....	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.



Ref.-No.	Description / Application	kg
29-411-64 ...	Beam clamp H20/H20	0.9

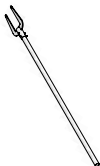
Beam clamp 8

Not shown. Clamps stringers to joists and is suited for wooden formwork girders H20.

Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
29-206-90 ...	Forked assembly stick H20	2.2

Slab Formwork

Brace frame

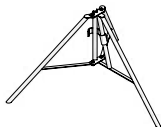
Is used as a support when erecting Eumax prop and MEP prop. Stepless adjustment range from 1450 to 2450 mm. Height is 1000 mm.



Ref.-No.	Description / Application	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.



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

MD safety claw

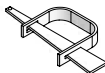
Galvanized. Is used to clamp a tripod to the aluminium profile of MEP props.



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

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.



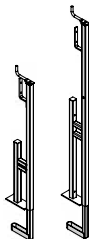
Ref.-No.	Description / Application	kg
29-907-10 ...	Cross-bracing clamp	1.0
29-907-11 ...	Cross-Bracing-Clamp D88.9	1.5

Slab Formwork

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.

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



Tension belt with hook

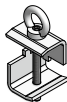
Not shown. For safety against wind load. 50 mm wide, reinforced loop 200 mm, cranked snap hook with safety flap, DIN EN 12195. Adm. load: 25 kN (straight), 50 kN (strapped). Is attached to climbing bracket KLK or bracket extension and with safety eye to concrete wall. This can be done at the cone from the previous pour.

Ref.-No.	Description / Application	kg
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.

Ref.-No.	Description / Application	kg
29-930-90 ...	Tension belt clamp H20	1.0



Slab Formwork

MAB MEVA working platform

For work at low heights. Basic scaffold made of aluminium for alternating (first one side then the other) plug-in assembly; aluminium railings and diagonal braces can be easily and securely installed. Working floors made up of an aluminium frame and plywood inserts, also as an access bridge for safe internal access. Sturdy swivel-type castors (permanently mounted) for a high level of stability. Equipped with scaffold props. Working height 4.61 m, scaffold height 3.83 m, platform height 2.61 m. The permissible loading is 2.0 kN/m² on a maximum of one working level (scaffold group 3 according to DIN EN 1004:2005)



Ref.-No.	Description / Application	kg
29-919-00 ...	MAB-MEVA-Working platform.....	145.5

Formwork for Concrete Beams



Formwork for Concrete Beams

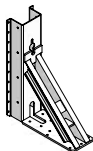
Formwork for concrete beams

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.

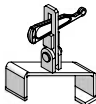
Ref.-No.	Description / Application	kg
29-500-10 ...	Trestle for beams 40/30.....	5.1



Wedge clamp H20

Galvanized. Is used to attach the trestle for beams 40/30 at the top chord of the cross beam H20.

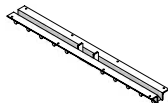
Ref.-No.	Description / Application	kg
29-500-45 ...	Wedge clamp H20	1.9



Retaining rail

Galvanized. Secures the trestle for beams 40/30. Is attached together with the tensioning device beneath the cross beam (2 x H20).

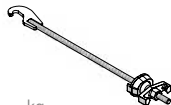
Ref.-No.	Description / Application	kg
29-500-20 ...	Retaining rail	6.5



Formwork for Concrete Beams

Tensioning device

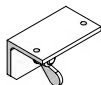
Galvanized. Optimize the distance between trestles and tightly connects the trestle for beams 40/30 and the retaining rail.



Ref.-No.	Description / Application	kg
29-500-35 ...	Tensioning device	2.2

Beam support

Galvanized. Is attached to the height extension with the integrated hammerhead screw and supports a wooden H20 girder or squared timber.



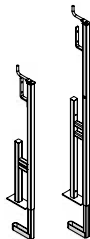
Ref.-No.	Description / Application	kg
29-500-25 ...	Beam support	0.6

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.

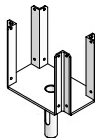


Ref.-No.	Description / Application	kg
29-107-20 ...	Railing clamp 100	6.6
29-107-25 ...	Railing clamp 140	9.4

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.

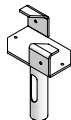


Ref.-No.	Description / Application	kg
29-206-40 ...	Forked prop head H20	3.0

Formwork for Concrete Beams

Beam clamp H20

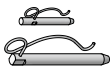
Galvanized. Is used to position intermediate props below H20 girders. Is attached to Eumax props with pin 14/90 or to MEP props with pin 14/135.



Ref.-No.	Description / Application	kg
29-907-00	... Beam clamp H20	0.8

Pin

Galvanized. Secures MDdrop heads, MD prop heads, forked prop heads etc. to props. The pin 14/90e is used if for steel tubes up to Ø 63 mm and pin 14/135 for the outer tube of MEP props or extensions.



Ref.-No.	Description / Application	kg
29-803-55	... Pin 14/90e	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.



Ref.-No.	Description / Application	kg
29-411-64	... Beam clamp H20/H20	0.9

Beam clamp 8

Not shown. Is used to clamp stringers to joists and suited for wooden girders H20.

Ref.-No.	Description / Application	kg
29-207-40	... Beam clamp 8	2.7

Formwork for Concrete Beams

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.



Ref.-No.	Description / Application	kg
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.



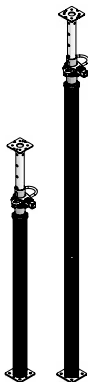
Ref.-No.	Description / Application	kg
29-302-10 ... MD-safety claw		0.5

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).

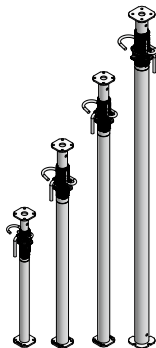


Ref.-No.	Description / Application	kg
29-907-65 ... MEP-prop 300 with SAS (185-300)		26.7
29-907-70 ... MEP-prop 450 with SAS (300-450)		34.3

Formwork for Concrete Beams

EuMax 30

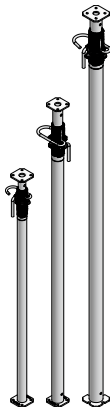
Galvanized. Complies with European standard EN 1065, class E. The admissible load is 30 kN at all extensions. When used with MEVA formwork systems, higher loads may be admitted (see the MevaDec Technical Instruction Manual).



Ref.-No.	Description / Application	kg
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 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).

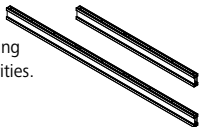


Ref.-No.	Description / Application	kg
29-907-36 ...	EuMax 20/300.....(177-300)	16.9
29-907-41 ...	EuMax 20/400.....(232-400)	23.8
29-907-45 ...	EuMax 20/550.....(302-550)	37.0

Formwork for Concrete Beams

Formwork girder H20

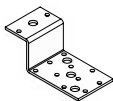
Robust all-purpose girder for different tasks. High load-bearing capacity with only low weight. Approved by building authorities. Admissible load: $Q = 11 \text{ kN}$, $M = 5 \text{ kNm}$.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
29-207-30 ...	Z-connector 40	9.5

Connector Clip H20

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



Ref.-No.	Description / Application	kg
29-930-85 ...	Connector Clip H20	0.7

Shoring System



Shoring System

MEP prop with SAS

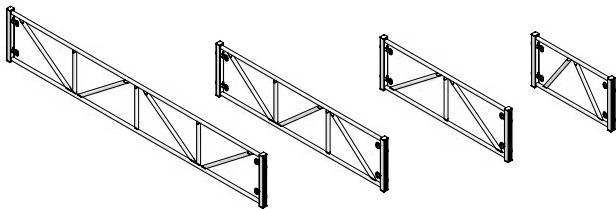
Prop according to standard EN 1065 class E. Steel inner tube and aluminium outer tube with T-groove to attach reinforcing MEP frames. The SAS quick-lowering system allows the stress in the prop to be released with one strike of a hammer. After stripping the SAS automatically resets and locks in the original 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	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.



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

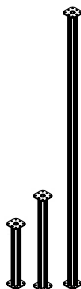
Shoring System

MEP

Extension pieces MEP

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

Ref.-No.	Description / Application	kg
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.

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



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 - 80 cm, 68 - 120 cm with MD drop head, 36 - 81 cm with forked drop head plus the height of the selected stringer, 37.5 - 82.5 cm with calotte support MEP.

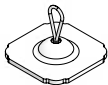
Ref.-No.	Description / Application	kg
29-909-70 ...	Spindle MEP	8.0



Shoring System

Calotte support MEP

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



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

Folding part MEP

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



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

Beam clamp MEP

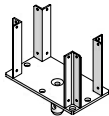
Is used to attach the MD beam to the prop or prop extension.



Ref.-No.	Description / Application	kg
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.



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

Shoring System

Diagonal cross-brace MEP

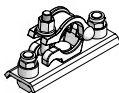
Galvanized. Adjustable cross-brace made of steel tubes. Is used for bracing when prop spacing varies. The two figures 170/90 and 300/180 indicate the maximum and minimum prop spacing.



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

Tube coupler DK 48 MEP

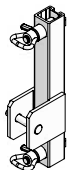
Galvanized. Is used to attach scaffold tubes Ø 48 mm to the aluminium outer tubes of MEP props or extension pieces.



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

MEP connector for push-pull props

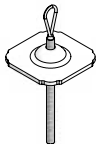
Galvanized. Is used to attach push-pull props to the aluminium outer tube of the MEP props or extension pieces.



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

Prop connector

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

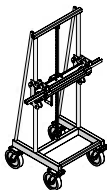


Ref.-No.	Description / Application	kg
29-910-62 ...	Prop connector	1.7

Shoring System

Lift truck MEP

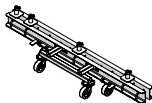
Galvanized. Is used to lift and move shoring towers and slab tables. Height 2.12 m; load capacity 500 kg. Adjustment range from 62 to 196 cm. The lift truck is positioned below the MEP frames. Always 2 lift trucks are required.



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

Transport waler MEP

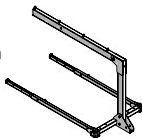
Galvanized. Is used to move large shoring tower units. Length 2.4 m; load capacity 30 kN (3 tons); 4 wheels. The pre-assembled plug connectors can be adjusted to MEP frames 55, 110, 170 and 220. The number of required walers is determined by the size of the shoring tower unit to be moved.



Ref.-No.	Description / Application	kg
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.



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

Flange nut 100

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



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

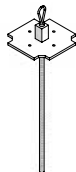
Shoring System

MEP

Crane hanger MEP

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

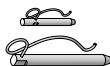
Ref.-No.	Description / Application	kg
29-910-05	... Crane hanger MEP (load capacity: 10 kN)	3.5



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 14/90e is used for the steel inner tube (with max. 63 mm Ø), pin 14/135 for the aluminium profile of the MEP props and extension pieces.

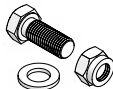
Ref.-No.	Description / Application	kg
29-909-90	... Pin 14/135	0.2
29-803-55	... Pin 14/90e	0.1



Accessories for attachment

Is used to attach MD drop heads or MEP spindles to the MEP props or extension pieces.

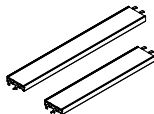
Ref.-No.	Description / Application	kg
63-120-49	... Hexagonal bolt M16 x 40, galv., DIN 933	4.6
63-130-00	... Hexagonal locking nut M16, galv., DIN 985	1.6
62-030-42	... Washer M16, galv., DIN 125	1.0



Shoring System

Scaffold platform

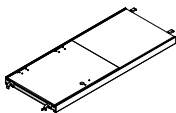
Aluminium frame with integrated wooden planking, self-securing, for vertical or horizontal assembly. Usable for MT 60 and MEP shoring systems to assemble working platforms. The maximum load is 200 kg/m².



Ref.-No.	Description / Application	kg
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

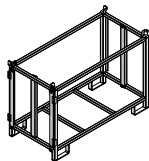
Aluminium frame with integrated wooden planking and access hatch, self-securing, for vertical or horizontal assembly. Usable for MT 60 and MEP shoring systems to assemble working platforms. The maximum load is 200 kg/m².



Ref.-No.	Description / Application	kg
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.

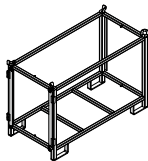


Ref.-No.	Description / Application	kg
29-132-15....	Transport rack 220/30 MT	87.3
29-132-30 ...	Transport rack 170/30 MT	80.5

Shoring System

Transport rack 170/68 MT

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



Ref.-No.	Description / Application	kg
29-132-20	... Transport rack 170/68 MT	73.9

Shoring System

 **meva**

MT 60

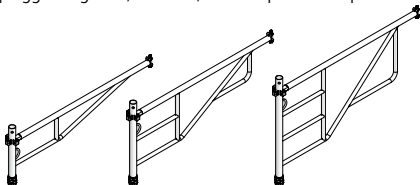


Shoring System

MT 60

Basic frame MT

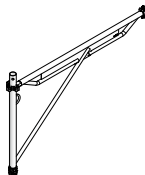
Galvanized. Is used to assemble and brace the MT 60 tower. The frames are simply plugged together, no tools, bolts or pins are required.



Ref.-No.	Description / Application	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

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.



Ref.-No.	Description / Application	kg
29-121-10....	Access frame 100 MT	15.0

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.



Ref.-No.	Description / Application	kg
29-129-50 ...	Base spindle MT	10.4

Shoring System

MT 60

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.

Ref.-No.	Description / Application	kg
29-129-55 ...	Head spindle MT	9.7



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.

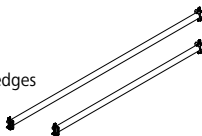
Ref.-No.	Description / Application	kg
29-129-58 ...	High-tensile head spindle MT	11.4



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	kg
29-122-15....	Ledger 220 MT.....	7.2
29-122-10....	Ledger 170 MT.....	5.7



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.

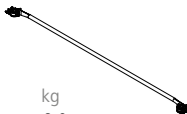
Ref.-No.	Description / Application	kg
29-122-20 ...	Ledger 38 MT.....	1.5



Shoring System

Horizontal brace MT

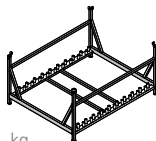
Galvanized. Is used to assemble level 0.



Ref.-No.	Description / Application	kg
29-127-10....	Horizontal brace MT	8.0

Transport rack MT R

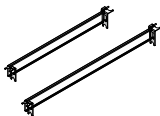
Galvanized. Is used for vertical storage and transport of 40 frames MT with identical height (100 cm or 75 cm or 50 cm).



Ref.-No.	Description / Application	kg
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

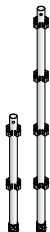
Galvanized. Is attached to the frames MT with integrated spring. Cannot be lost.



Ref.-No.	Description / Application	kg
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 fall-down protection on the top platform.



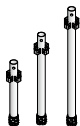
Ref.-No.	Description / Application	kg
29-124-10....	Guardrail post 200 MT	10.3
29-124-15....	Guardrail post 100 MT	5.2

Shoring System

MT 60

Standard post MT

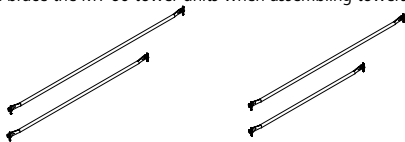
Galvanized. Is plugged into ledger MT 38 and only required to transfer high loads. The height of the standard post MT must match the height of the basic frame MT.



Ref.-No.	Description / Application	kg
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

Diagonal brace MT

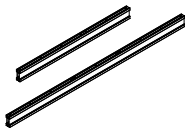
Galvanized. With integrated wedges on both ends. Is required to connect and brace the MT 60 tower units when assembling towers side by side.



Ref.-No.	Description / Application	kg
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 kNm.



Ref.-No.	Description / Application	kg
29-216-15 ...	MEVA alu-beam 20/245	26.2
29-216-45 ...	MEVA alu-beam 20/390	42.0

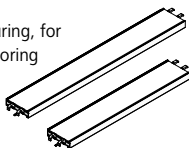
Shoring System

MT 60

Scaffold platform

Aluminium frame with integrated wooden planking, self-securing, for vertical or horizontal assembly. Usable for MT 60 and MEP shoring systems to assemble working platforms.

The maximum load is 200 kg/m².

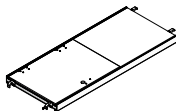


Ref.-No.	Description / Application	kg
29-131-15....	Scaffold platform 220/30 MT	10.2
29-131-40 ...	Scaffold platform 170/30 MT	8.2

Scaffold platform 170/68 w/ access hatch

Aluminium frame with integrated wooden planking and access hatch, self-securing, for vertical or horizontal assembly. Usable for MT 60 and MEP shoring systems to assemble working platforms.

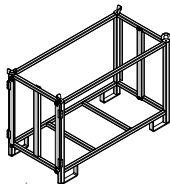
The maximum load is 200 kg/m².



Ref.-No.	Description / Application	kg
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.



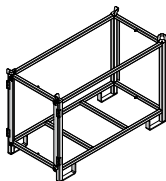
Ref.-No.	Description / Application	kg
29-132-15....	Transport rack 220/30 MT	87.3
29-132-30 ...	Transport rack 170/30 MT	80.5

Shoring System

MT 60

Transport rack 170/68 MT

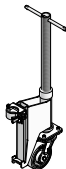
Galvanized. For horizontal storage and transport of 10 scaffolding platforms.



Ref.-No.	Description / Application	kg
29-132-20 ...	Transport rack 170/68 MT	73.9

Transport wheel MT

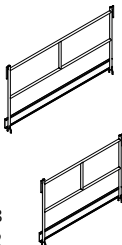
Galvanized. Is used to wheel the entire, i.e. fully assembled MT 60 tower to another position. Always use 4 transport wheels MT for transport.



Ref.-No.	Description / Application	kg
29-129-60 ...	Transport wheel MT	19.8

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	kg
29-128-10....	Platform railing 220 MT.....	14.8
29-128-15....	Platform railing 170 MT.....	12.2

Working Scaffold



Working Scaffold

Folding working platform KAB 190

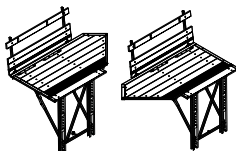
190 cm wide working and safety scaffold with fold-up guard-railing and galvanized brackets for a fast assembly. The planks are 48 mm thick and protected at the ends. A platform with access hatch is available. 2 adaptors and 2 spacers are required per platform unit. Load capacity up to 3 kN/m² (300 kg/m²) 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.



Ref.-No.	Description / Application	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 with access hatch.....	535.0

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.

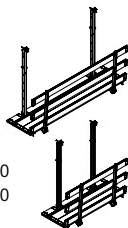


Ref.-No.	Description / Application	kg
29-418-35 ...	Corner platform KAB 190 left.....	499.0
29-418-40 ...	Corner platform KAB 190 right.....	499.0

Working Scaffold

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.



Ref.-No.	Description / Application	kg
79-418-50 ...	Secondary platform 85/350 KAB	272.0
79-418-55 ...	Secondary platform 85/225 KAB	216.0

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.



Ref.-No.	Description / Application	kg
79-419-20 ...	Loop adapter KAB	12.0

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	kg
79-419-25 ...	Shoe adapter KAB	13.0

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.



Ref.-No.	Description / Application	kg
79-419-30 ...	Spacer KAB	7.6

Working Scaffold

Bracket extension 200 KAB

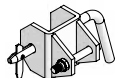
Galvanized. Extends the bracket downwards by 2.00 m to bridge large wall openings up to a floor height of 3.65 m. In skeleton construction, connection is possible with the slab below. A flange screw is also required.



Ref.-No.	Description / Application	kg
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.



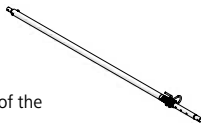
Ref.-No.	Description / Application	kg
79-419-60 ...	Brace connector KAB.....	4.5

63-120-40 ... Hexagonal screw M16 x 120, galv., DIN 931 5.3

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.

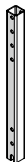


Ref.-No.	Description / Application	kg
29-109-80 ...	Push-pull prop R 460 .(340-520)	34.0

Working Scaffold

Height adjustment 100 KAB

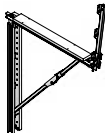
Galvanized. Permits lowering of KAB platforms by up to 1.00 m when used as a safety-catch scaffold beneath the eaves. 2 height adjustments are required per platform and attached to the KAB brackets with an integrated pin 20/12 before flying the platforms. The required loop or shoe adapters are attached to the height adjustment.



Ref.-No.	Description / Application	kg
79-419-15	... Height adjustment 100 KAB	13.0

Folding bracket KAB 190

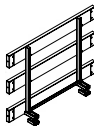
Galvanized. With nailable strip to mount job-built planking. Single bracket for special applications and length adjustments.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
79-419-40	... Side railing 190 KAB	40.0
79-419-45	... Side railing 85 KAB	22.0

Guardrailing 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.



Ref.-No.	Description / Application	kg
79-419-75	... Guardrailing post 100 KAB	9.6

Working Scaffold

Extension for guard-railing KAB

Galvanized. Extends the guard-railing of the KAB platform when used as safety-catch scaffold.

Ref.-No.	Description / Application	kg
79-419-85 ...	Extension for guard-railing KAB	10.0



Pin 20/12

Galvanized, Ø 20 mm. Self-locking through tilting end. Is used to secure various accessories (pin is integrated) of the working platform KAB.

Ref.-No.	Description / Application	kg
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.

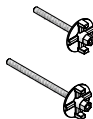
Ref.-No.	Description / Application	kg
29-400-92 ...	M-alignment rail 180, galv.	24.8



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.

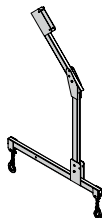
Ref.-No.	Description / Application	kg
29-401-10 ...	Flange screw 18	1.1
29-401-12 ...	Flange screw 28	1.2



Working Scaffold

Transport spreader KAB

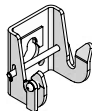
Galvanized, foldable. Max. load capacity 10 kN (1 ton). Is used to move KAB working platforms beneath the eaves. Always 2 spreaders are required for transport. Please observe the transport spreader Operating Instructions.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
29-412-95 ...	Conical sleeve	

Working Scaffold

Suspension screw M24

Black, SW36, with yellow chromated thrust ring. Is used to fix the suspension shoe to the climbing cone.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
63-119-53 ...	Hexagonal screw M24x80, 10.9 black DIN 931	9.0

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.



Ref.-No.	Description / Application	kg
62-030-50 ...	Washer M24, galv., DIN 7349-25	5.0

Working Scaffold

Safety eye

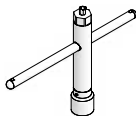
Is used to attach the tensioning chain for bracing against for wind load.
Is attached to the cone from the previous pour with a screw M24x50 or with a tie rod and flange nuts to an existing tie hole in the concrete wall.



Ref.-No.	Description / Application	kg
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)



Ref.-No.	Description / Application	kg
29-411-85 ...	Combination spanner	4.1

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.

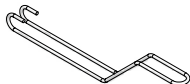


Ref.-No.	Description / Application	kg
29-412-30 ...	Anchor plate 15/120	0.8
29-412-35 ...	Anchor plate 15/170	0.9



Suspension loop 10

Uncoated. Is used to suspend a platform.
Loop Ø is 10 mm.



Ref.-No.	Description / Application	kg
29-419-70 ...	Suspension loop 10	1.1

Working Scaffold

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.



Ref.-No.	Description / Application	kg
29-412-67 ...	Concrete cone 56 x 40	36.0
53-210-70 ...	Concrete glue (A + B)	3.0

Shoring Tower

Space



Shoring Tower

Space

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.

Ref.-No.	Description / Application	kg
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. 4 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.

Ref.-No.	Description / Application	kg
29-911-40 ... SP-frame		283.0



SP diagonal brace

Coated. 4 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.

Ref.-No.	Description / Application	kg
29-911-50 ... SP-diagonal brace.....		64.0

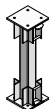


Shoring Tower

Space

SP extension

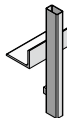
Coated. Extends the tower units. Is attached to a SP prop with always 4 bolts M16x60, washers M16 and locking nuts M16, which have to be ordered separately.



Ref.-No.	Description / Application	kg
29-911-55 ...	SP-extension 100.....	57.0
29-911-60 ...	SP-extension 50.....	50.0

SP guardrail post adapter

Galvanized. Is used to attach a guardrail post and attached to SP frames by using bolts M12x35, washers M12 and locking nuts M12. Guardrail posts 100 or 140 are also required.



Ref.-No.	Description / Application	kg
29-911-70 ...	guardrail post adapter SP.....	2.0

Guardrail post

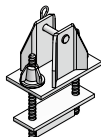
Galvanized. Is attached to the SP guardrail post adapter.

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



SP connector for push-pull props

Galvanized. Is used to connect push-pull props or Triplex braces. Brace the formwork against the shoring tower or the shoring tower itself.



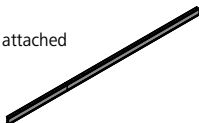
Ref.-No.	Description / Application	kg
29-911-75 ...	SP-connector for push-pull props.....	5.8

Shoring Tower

Space

MD beams 520

Are placed onto the SP diagonal brames and SP frames and attached on both sides with an MD safety claw.



Ref.-No.	Description / Application	kg
29-911-65 ...	MD-beam 520.....	24.0

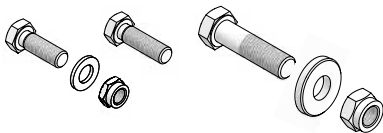
MD safety claw

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.



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

Accessories for attachment



Ref.-No.	Description / Application	kg
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.....	1.0
62-030-41 ...	Washer M12, galv., DIN 125	0.5
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	2.0



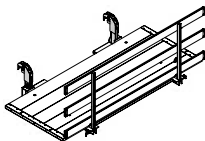
Working Platform

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

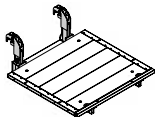
Self-locking; ready-made platform with a foldable guard-railing and an overall width of 125 cm; it is suspended onto the frame profile of the panels. The 48 mm thick planking is protected at the front ends. Stacking height 17cm; load capacity 2 kN/m². This platform is used with the formwork systems AluStar/StarTec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



Ref.-No.	Description / Application	kg
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 2 flange screws 18 are required as guard-railing.

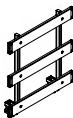


Ref.-No.	Description / Application	kg
29-417-00 ...	Folding access platform BKB 125/140.....	120.0

Working Platform

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).



Ref.-No.	Description / Application	kg
29-417-30	... Side railing BKB 125	17.0

MAB MEVA working platform

For work at low heights. Basic scaffold made of aluminium for alternating (first one side then the other) plug-in assembly; aluminium railings and diagonal braces can be easily and securely installed. Working floors made up of an aluminium frame and plywood inserts, also as an access bridge for safe internal access. Sturdy swivel-type castors (permanently mounted) for a high level of stability. Equipped with scaffold props. Working height 4.61 m, scaffold height 3.83 m, platform height 2.61 m. The permissible loading is 2.0 kN/m² on a maximum of one working level (scaffold group 3 according to DIN EN 1004:2005)

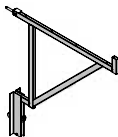


Ref.-No.	Description / Application	kg
29-919-00	... MAB-MEVA-Working platform.....	145.5

Working Platform

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. Guardrailing post 100 or 140 is required in addition. Bracket spacing depends on the type of planking (according to DIN 4420).



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

Guardrailing post

Galvanized. Is plugged into the walkway bracket.

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



Guardrailing post 48

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

Ref.-No.	Description / Application	kg
29-106-80 ...	Guardrailing post 48/120 (UK)	5.5



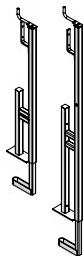
Working Platform

BKB

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.

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



Clamp for Guardrailing post

Galvanized. Sliding part with spindle, suited for all common MEVA guardrailing posts (round and square). Adjustment range 0 - 45 cm.
 Usable for stop ends at slab edges and parapets.

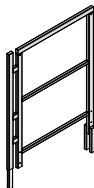
Ref.-No.	Description / Application	kg
29-107-35 ...	Clamp for guardrailing post.....	9.8



Side railing

Galvanized. Is plugged into the walkway bracket.

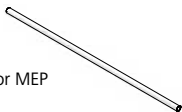
Ref.-No.	Description / Application	kg
29-108-20 ...	Side railing 90/100, galv.	12.3



Working Platform

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 guardrailing posts or as bracing for MEP shoring towers.



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

Rigid coupler 48/48

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



Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
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 Ø63 mm at any angle required.

Ref.-No.	Description / Application	kg
29-412-54 ...	Swivel-joint coupler 48/63.....	1.8

Working Platform

Bolt-on coupler 48/M14

Galvanized. Allows scaffold tubes Ø 48.3 mm to be attached to support frames, climbing brackets etc.

Ref.-No.	Description / Application	kg
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.

Ref.-No.	Description / Application	kg
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.

Ref.-No.	Description / Application	kg
29-412-55	... Joint coupler 48/48 (SW 22)	1.4



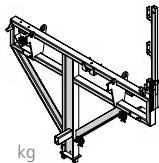
Climbing Formwork



Climbing Formwork

Climbing bracket KLK 230

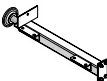
Solid steel konstruktion, coated, with folding guardrailing post. Is used to build climbing scaffolds. Working width: 2.30 m.



Ref.-No.	Description / Application	kg
79-411-00 ...	Climbing bracket KLK 230	176.5

Wall strut

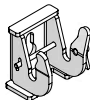
Coated. Is attached to the climbing bracket or bracket extension and used to transfer the load to the wall. Delivery includes 4 bolts M12x35.



Ref.-No.	Description / Application	kg
79-411-30 ...	Wall strut	17.3

Suspension shoe KLK

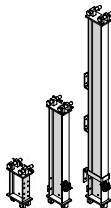
Galvanized. With safety pin and uplift protection for the climbing bracket. Is used to suspend the climbing bracket and connected to the wall with suspension screw M24.



Ref.-No.	Description / Application	kg
79-411-05 ...	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.

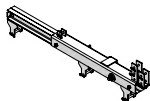


Ref.-No.	Description / Application	kg
79-411-20 ...	Bracket extension 220	57.0
79-411-22 ...	Bracket extension 120	33.0
79-416-40 ...	Bracket extension 40	18.1

Climbing Formwork

Slide carriage

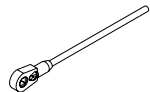
Coated. Is used to move the formwork back and forth by 70 cm. The range of 70 cm provides sufficient working space to install blockouts, rebars, etc. A square spanner is used to slide the carriage. When supplemented with a formwork clamping fixture KLK, the slide carriage allows building a transport unit consisting of formwork and climbing scaffold.



Ref.-No.	Description / Application	kg
79-411-50 ...	Slide carriage.....	132.0

Square spanner

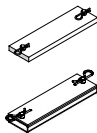
Galvanized. Is used to operate the slide carriage. At least 2 spanners should be available on a construction site that uses a slide carriage on climbing formwork.



Ref.-No.	Description / Application	kg
79-411-45 ...	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.



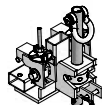
Ref.-No.	Description / Application	kg
79-411-65 ...	Formwork adaptor AS/ST.....	5.0
79-411-92 ...	Formwork adaptor EA/ML.....	3.8

Climbing Formwork

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.

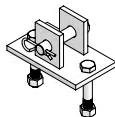
Ref.-No.	Description / Application	kg
79-411-60 ...	Formwork clamping fixture KLK.....	41.1



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.

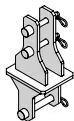
Ref.-No.	Description / Application	kg
79-411-70 ...	Bearing for formwork clamping fixture KLK.....	2.7



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.

Ref.-No.	Description / Application	kg
79-411-25 ...	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.

Ref.-No.	Description / Application	kg
79-411-90 ...	Formwork support KLK.....	12.0



Climbing Formwork

Brace SRL 120

Galvanized. Is used to press the formwork against the previous pour and required when the formwork clamping fixture KLK is used.



Ref.-No.	Description / Application	kg
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.

Ref.-No.	Description / Application	kg
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.

Ref.-No.	Description / Application	kg
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.

Ref.-No.	Description / Application	kg
29-108-60 ...	Side protection net 200/1000.....	6.5

Climbing Formwork

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.

Ref.-No.	Description / Application	kg
29-108-65 ...	Quick-release belt fastener	

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.



Ref.-No.	Description / Application	kg
29-412-40 ...	Safety eye	1.3

Beam clamp 295

Galvanized. Is used to clamp girders such H20 girders to the climbing bracket KLK when assembling the KLK climbing scaffold.



Ref.-No.	Description / Application	kg
79-412-60 ...	Beam clamp 295	1.7

Extension for guard-railing KLK 230

Coated. Inclination 20°. Extends the guard-railing of the KLK 230 climbing scaffold by approx. 1.00 m.

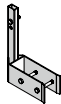


Ref.-No.	Description / Application	kg
79-411-75 ...	Extension for guard-railing KLK 230	10.9

Climbing Formwork

Support for guardrail post KLK

Galvanized. With screws. Is attached to platform timber (width 10 cm) and used as additional guardrail post between climbing scaffolds KLK 230 and/or as side railing according to standard DIN 4420. The guardrail post KLK is also required.



Ref.-No.	Description / Application	kg
79-411-77	... Support for guardrail post KLK 230, galv.	6.9

Support for guardrail post SDT

Galvanized. With screws. Is attached to the web of H20 girders and used for the construction of a (side) railing. Guardrail post 100 or 140 is also required.



Ref.-No.	Description / Application	kg
29-106-90	... Support for guardrail post SDT, galv.	5.4

Guardrail post KLK 230

Galvanized. Can be attached to the support for guardrail post KLK 230 and be used as a replacement part for the climbing scaffold KLK 230.

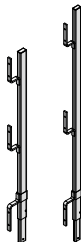


Ref.-No.	Description / Application	kg
79-411-78	... Guardrail post KLK 230.....	8.1

Guardrail post

Galvanized. Is plugged into the walkway bracket.

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



Climbing Formwork

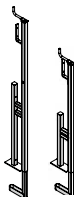
Railing clamp

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.

Ref.-No.	Description / Application	kg
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 guardrailing posts (round and square). Adjustment range 0 - 45 cm.

Application: stop ends at slab edges and parapets.

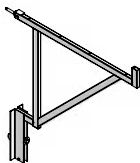
Ref.-No.	Description / Application	kg
29-107-35 ...	Clamp for guardrailing post.....	9.8



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. Guardrailing post 100 or 140 is required in addition. Bracket spacing depends on the type of planking (according to DIN 4420).



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

Climbing Formwork

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.

Ref.-No.	Description / Application	kg
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.

Ref.-No.	Description / Application	kg
29-412-75 ...	Climbing cone 20/M24.....	1.3



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.

Ref.-No.	Description / Application	kg
29-412-95 ...	Conical sleeve.....	



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.

Ref.-No.	Description / Application	kg
29-412-85 ...	Positioning disc M24.....	0.3



Climbing Formwork

Suspension screw M24

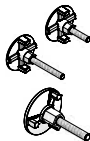
Black, SW 36, with yellow chromated thrust ring. Is used to screw the suspension shoe to the climbing cone.



Ref.-No.	Description / Application	kg
29-412-80 ...	Suspension screw M24.....	0.8

Anchor plate

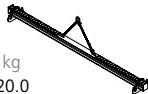
Uncoated. Is used to anchor climbing cones in the concrete. The admissible load capacity depends on the installation depth of the anchor plate and concrete strength at the time of loading (see approval No. by the DIBt [German Institute for Construction Technology]).



Ref.-No.	Description / Application	kg
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

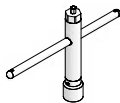
Coated. Is used to move complete climbing scaffold units (width 2,35 - 6,00 m). Max. load capacity is 5 tons. Also required: 4 lifting chains which can be cut to length.



Ref.-No.	Description / Application	kg
79-412-45 ...	Transport spreader KLK	520.0
79-412-42 ...	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).



Ref.-No.	Description / Application	kg
29-411-85 ...	Combination spanner	4.1

Climbing Formwork

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).



Ref.-No.	Description / Application	kg
29-412-67	... Concrete cone 56 x 40	36.0
53-210-70	... Concrete glue (A + B)	3.0

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.



Ref.-No.	Description / Application	kg
63-119-53	... Hexagonal screw M24x80, 10.9 black DIN 9319.0	

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.

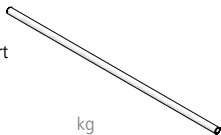


Ref.-No.	Description / Application	kg
62-030-50	... Washer M24, galv., DIN 7349-25	
29-412-78	... Washer D40xD26x4, galv., DIN 1440-26	

Climbing Formwork

Scaffold tube

Galvanized. Is used to reinforce large-size units of support frames or climbing scaffolds for crane ganging.

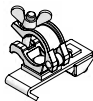


Ref.-No.	Description / Application	kg
29-412-23 ...	Scaffold tube 48/200.....	9.4
29-412-26 ...	Scaffold tube 48/300.....	14.1
29-412-27 ...	Scaffold tube 48/400.....	18.8
29-412-25 ...	Scaffold tube 48/500.....	23.5
29-412-28 ...	Scaffold tube 48/600.....	28.2

Swivel-tube coupler 48

Galvanized. Is used to mount scaffold tubes Ø 48.3 mm in order to fasten protective nets.

Ref.-No.	Description / Application	kg
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).

Ref.-No.	Description / Application	kg
29-412-50 ...	Rigid coupler 48/48.....	1.1



Swivel-joint coupler 48/48

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

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



Climbing Formwork

Bolt-on coupler 48/M14

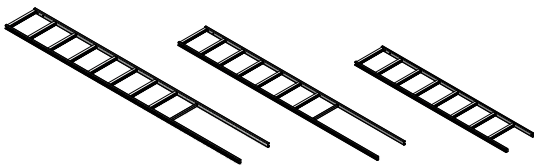
Galvanized. Connects scaffold tubes with Ø 48.3 mm to the support frame, scaffolding bracket, etc.

Ref.-No.	Description / Application	kg
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.



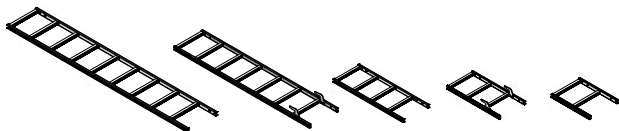
Ref.-No.	Description / Application	kg
29-414-50	... Ladder 348	23.2
29-414-55	... Ladder 318	21.1
29-416-50	... Ladder 243	17.2

Climbing Formwork

Extension ladder

Galvanized. For height extension. Is attached to the ladder by using the ladder link set 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.

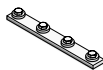


Ref.-No.	Description / Application	kg
29-416-52 ...	Extension ladder 270.....	19.2
29-414-60 ...	Extension ladder 210.....	15.9
29-416-55 ...	Extension ladder 120.....	8.5
29-416-60 ...	Extension ladder 90.....	7.4
29-416-62 ...	Extension ladder 60.....	4.4

Ladder connector

Galvanized. Connects 2 ladders at the joint without the need to hook one ladder into a step of the other.

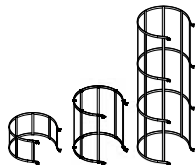
Ref.-No.	Description / Application	kg
29-414-70 ...	Ladder connector.....	1.0



Climbing Formwork

Safety cage

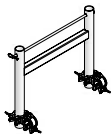
Galvanized. Internal Ø 70 cm. Protects workers when ascending and descending. The safety cages are attached to the ladders or extension ladders with the integrated hammerhead screws.



Ref.-No.	Description / Application	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 KLK

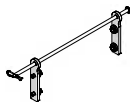
Galvanized. Is attached to the scaffold tube units of the climbing scaffold with the integrated coupler. The ladder is secured to the ladder fixture with a long pin.



Ref.-No.	Description / Application	kg
79-416-65 ...	Ladder fixture KLK	7.4

Ladder link set KLK

Galvanized. Connects 2 ladders in the transition from straight ladder to tilted ladder.

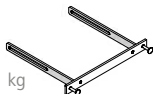


Ref.-No.	Description / Application	kg
79-416-72 ...	Ladder link set KLK	1.8

Climbing Formwork

Ladder base KLK

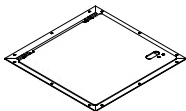
Galvanized. Is used to attach the ladder at its bottom with 2 bolts M12x80 to the planking (45 mm). Has a 24 cm long hole to allow for height adjustment.



Ref.-No.	Description / Application	kg
79-416-70 ...	Ladder base KLK.....	4.6

Access hatch KLK

Galvanized steel frame. Hatch made from checker plate. Cataphoretic coating; max. opening 88°, self-closing.



Ref.-No.	Description / Application	kg
29-416-05 ...	Access hatch KLK	22.3

Climbing bracket KLK 230 UK

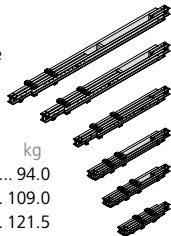
Side protection with scaffold tubes.

Ref.-No.	Description / Application	kg
79-411-79 ...	Guardrailing post KLK 230 UK	7.7
79-411-18 ...	Bracket extension 220 UK	59.5
29-106-80 ...	Guardrailing post 48/120 (UK)	5.5

Shaft platform

Base girder

Base girder with safety pawl. An assembly plate and a crane eye replace the shaft platform girder.



Ref.-No.	Description / Application	kg
29-150-25 ...	Base girder 1410 - 1875	94.0
29-150-35 ...	Base girder 1880 - 2345	109.0
29-150-45 ...	Base girder 2340 - 2805	121.5
29-150-55 ...	Base girder 2800 - 3790	182.0
29-150-65 ...	Base girder 3795 - 4785	252.5
29-150-75 ...	Base girder 4790 - 5780	291.0

Shaft platform safety catch

A safety pawl, an assembly plate and a crane eye in conjunction with a base girder form a shaft platform girder.

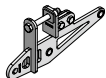
Ref.-No.	Description / Application	kg
29-150-82 ...	Shaft platform safety catch.....	11.5



Shaft platform suspension 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	kg
29-150-85 ...	Shaft platform suspension plate 25	11.7



Crane eye

An assembly plate, a safety pawl and a crane eye in conjunction with a base girder form a shaft platform girder.

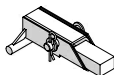
Ref.-No.	Description / Application	kg
29-150-80 ...	Crane eye	3.2



Shaft platform

Folding suspension

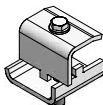
Coated. Is hooked into the suspension shoe. Two folding suspensions are required per steel girder of a shaft platform.



Ref.-No.	Description / Application	kg
29-410-80 ...	Folding suspension	11.8

Beam clamp H20

Galvanized. Is used to attach H20 girders to the shaft platform girders.



Ref.-No.	Description / Application	kg
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/mm² is required when installing the shaft platform girder. The integrated hexagonal nut has thread size M12.



Ref.-No.	Description / Application	kg
29-151-80 ...	Bearing pocket	6.5

Shaft folding bearing plate

Coated. Supports wooden or steel shaft girders. Admissible load capacity is 25 kN.

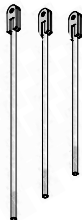


Ref.-No.	Description / Application	kg
29-410-20 ...	Shaft folding bearing plate	12.6

Shaft platform

Threaded rod LH

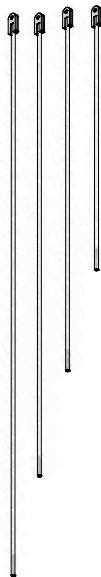
Steel. Galvanized and yellow chromated for distinction from threaded rods with right-handed thread (RH). Ø 16 mm. With a 10 cm long left-handed LH thread M16. Together with turnbuckle nuts M16 and attached to L steel angles, the threaded rods LH and RH are used to diagonally brace the platform units. Attachment with hexagonal screws M12x40 and hexagonal nuts M12.



Ref.-No.	Description / Application	kg
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.

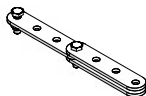


Ref.-No.	Description / Application	kg
29-009-40 ...	Threaded rod 130-RH (silver / red head)	2.3
29-009-50 ...	Threaded rod 180-RH (silver / yellow head)	3.1
29-009-60 ...	Threaded rod 230-RH (silver / green head)	3.9
29-009-70 ...	Threaded rod 280-RH (silver)	4.7

Shaft platform

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.



Ref.-No.	Description / Application	kg
29-009-90 ...	Threaded rod extension.....	1.1

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.



Ref.-No.	Description / Application	kg
29-009-95 ...	Turnbuckle nut M16 MGC	0.4

Accessories for attachment

Not shown. For fixing the bracing to the Shaft platform girder.

Ref.-No.	Description / Application	kg
62-030-43 ...	Washer M16, DIN434 galv. (wedge) 18	1.0
63-120-57 ...	Hexagonal screw M12x40, galv., DIN 933	4.6
63-125-60 ...	Hexagonal nut M12, galv., DIN 934.....	1.0

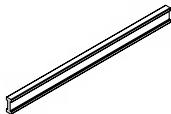
MEVA-FormSet



MEVA-FormSet

Formwork girder H20

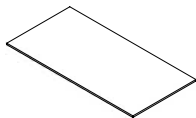
Robust, all-purpose girder for different tasks. High load-bearing capacity with only low weight, approved by building authorities; adm. Q = 11 kN; adm. M = 5 kNm.



Ref.-No.	Description / Application	kg
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

Shuttering panel 35

Three-layer plywood, 21 mm thick. With resistant coating on both sides. Good pore structure of the concrete due to absorbent surface.



Ref.-No.	Description / Application	m ²	kg
29-324-30 ...	Shuttering panel 35250/50	1.25	11.8
29-324-20 ...	Shuttering panel 35200/50	1.00	9.5
41-324-10 ...	Shuttering panel 35150/50	0.75	8.0
41-324-00 ...	Shuttering panel 35100/50	0.50	5.5
41-324-25 ...	Shuttering panel 35200/100	2.00	21.0
41-324-35 ...	Shuttering panel 35250/100	2.50	26.0
41-324-60 ...	Shuttering panel 35300/100	3.00	31.0

Shuttering panel 75

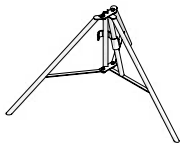
Not shown. Multi-layer plywood, 21 mm thick. Film-coated on both sides, edge protection.

Ref.-No.	Description / Application	m ²	kg
41-324-40 ...	Shuttering panel 75250/125	3.13	33.0

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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.

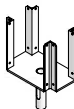


Ref.-No.	Description / Application	kg
29-905-50 ...	Tripod	12.2
29-905-52 ...	Tripod 120	17.7
X20-0055	Tripod SB.....	12.2

Forked prop head

Galvanized. Supports H20 formwork girders. Is attached to EuMax props with pin 14/90e or to MEP props with pin 14/135.

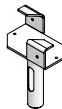
Ref.-No.	Description / Application	kg
29-206-40 ...	Forked prop head H20	3.0
X20-0050	Forked prop head H20 SB.....	3.0



Beam clamp H20

Galvanized. Is used to position intermediate props below H20 girders. Is attached to Eumax props with pin 14/90e or to MEP props with pin 14/135.

Ref.-No.	Description / Application	kg
29-907-00 ...	Beam clamp H20	0.8



H20-Flange screw

Galvanised. For MGC-JF (Jumpform) and for fastening the H20-beams to the HC-support main beam. 4 pieces per Jumpform (Bracket)

Ref.-No.	Description / Application	kg
29-206-85 ...	H20-Flange screw.....	3.0



MEVA-FormSet

Connector Clip H20

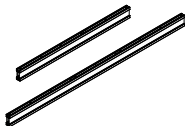
Galvanized. Is used to connect wooden H20 girders to each other. The wedge locks the girders into place and releases them.



Ref.-No.	Description / Application	kg
29-930-85	... Connector Clip H20	0.7

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



Ref.-No.	Description / Application	kg
29-216-15	... MEVA alu-beam 20/245	26.2
29-216-45	... MEVA alu-beam 20/390	42.0

Beam clamp H20/H20

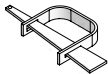
Galvanized. Is used to attach planks or cross beams to H20 beams when using slab tables.



Ref.-No.	Description / Application	kg
29-411-64	... Beam clamp H20/H20	0.9

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.

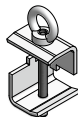


Ref.-No.	Description / Application	kg
29-907-10	... Cross-bracing clamp	1.0
29-907-11	... Cross-Bracing-Clamb D88.9	1.5

MEVA-FormSet

Tension belt clamp H20

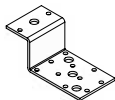
Galvanized. Is attached to two wooden girders H20. With eyes to attach the tension belt.



Ref.-No.	Description / Application	kg
29-930-90 ...	Tension belt clamp H20	1.0

Z-connector 40

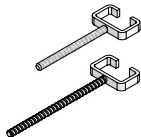
Galvanized. Connects H20 stringers to H20 joists (flange height 40 mm). We recommend using double-headed nails for attachment.



Ref.-No.	Description / Application	kg
29-207-30 ...	Z-connector 40	0.2

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 or 30 cm long.

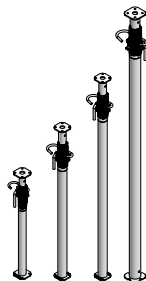


Ref.-No.	Description / Application	kg
29-401-17 ...	Safety clamp H20	0.7
29-401-18 ...	Safety clamp H20/30	0.8

MEVA-FormSet

EuMax 30

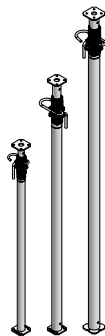
Galvanized. Complies with European Standard EN 1065, class E. The admissible load capacity is 30 kN at all extensions. Higher load capacities are admissible when used with MEVA formwork (see the MevaDec Technical Instruction Manual).



Ref.-No.	Description / Application	kg
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).



Ref.-No.	Description / Application	kg
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)	37.0

MEVA-FormSet

Euro prop

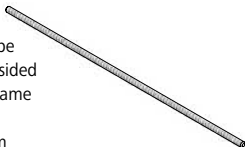
Not shown. Galvanised. Prop as per EN 1065 class D or E, admissible load capacity at any extension length 20 kN or 30 kN

Ref.-No.	Description / Application	kg
X20-0023	Euro E-prop 30/300(173 - 300)	17.4
X20-0022	Euro E-prop 30/350(198 - 350)	23.0
X20-0021	Euro E-prop 30/400(224 - 400)	25.6
X20-0016	Euro D-prop 20/250(147 - 250)	14.5
X20-0017	Euro D-prop 20/300(181 - 300)	15.3
X20-0020	Euro D-prop 20/350(198 - 350)	18.7
X20-0018	Euro D-prop 20/400(224 - 400)	21.0
X20-0019	Euro D-prop 20/550(303 - 550)	34.5

Tie rod DW

Uncoated, not weldable. With DW thread. Must not be welded or heated. 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.



Ref.-No.	Description / Application	kg
29-900-76 ...	Tie rod DW 15/45.....	0.6
29-900-88 ...	Tie rod DW 15/75.....	1.1
29-900-80 ...	Tie rod DW 15/90.....	1.3
29-900-90 ...	Tie rod DW 15/125.....	1.8
29-901-21 ...	Tie rod DW 15/200.....	2.9
29-901-25 ...	Tie rod DW 15/300.....	4.3
29-901-37 ...	Tie rod DW 15/600.....	8.4
29-900-97 ...	Tie rod DW 20/120.....	3.0
29-900-75 ...	Tie rod DW 26.5/80.....	3.6

MEVA-FormSet

Tie wrench DW15/DW20

Made of steel, galvanized. Used to screw in, screw out and hold tie rods DW15 and DW20; length 400 mm.



Ref.-No.	Description / Application	kg
29-901-39 ...	Tie wrench DW15/DW20.....	3.1

Wobble anchor DW 26.5/80

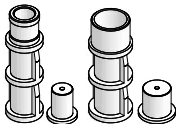
Raw, weldable, length 80 cm, for rear anchoring in the concrete, adm. load capacity: 240 kN.



Ref.-No.	Description / Application	kg
29-900-72 ...	Wobble anchor DW 26.5/80.....	3.6

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.



Ref.-No.	Description / Application	kg
29-917-90 ...	Anchor sleeve DW 15.....	4.7
29-917-95 ...	Anchor sleeve DW 20.....	0.1

Plug

Plastic. Closes and seals stop-end sleeves and plastic tubes.

Ref.-No.	Description / Application	kg
29-922-10 ...	Plug 18	0.6
29-922-15 ...	Plug 22	0.7
29-922-20 ...	Plug 26.5	0.8



MEVA-FormSet

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.

Ref.-No.	Description / Application	kg
29-921-80 ...	Nailable connector DW15	2.0



Fair-faced concrete plug

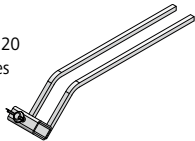
Made of concrete. Seals the nailable connector for fair-faced concrete. Is glued with concrete glue A+B.

Ref.-No.	Description / Application	kg
29-921-85 ...	Fair-faced concrete plug DW 15	0.1



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.

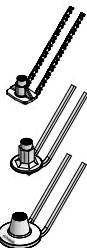


Ref.-No.	Description / Application	kg
29-925-80 ...	Anchor support DW 15 - DW 26.5	1.0

MEVA-FormSet

Single anchor DW

Steel, uncoated. Admissible load: DW 15 = 90 kN, DW 20 = 160 kN, DW 26.5 = 250 kN. Is used for 45° anchoring in the bottom slab when using support frames. Attachment at bottom rebar.



Ref.-No.	Description / Application	kg
29-925-40 ...	Single anchor DW15	0.8
29-925-45 ...	Single anchor DW 20	1.3
29-925-50 ...	Single anchor DW 26.5	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.



Ref.-No.	Description / Application	kg
29-925-60 ...	Double anchor DW 15.....	1.9
29-925-65 ...	Double anchor DW 20.....	2.7

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.

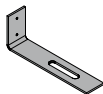


Ref.-No.	Description / Application	kg
29-001-20 ...	Anchor loop 15	2.4
29-001-25 ...	Anchor loop 20	4.5

MEVA-FormSet

Upstand bracket

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



Ref.-No.	Description / Application	kg
29-925-10 ...	Upstand bracket.....	2.1

Fix anchor

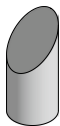
Uncoated. Is used to anchor tie rods in the concrete with anchor supports.



Ref.-No.	Description / Application	kg
29-926-60 ...	Fix anchor DW 15.....	0.5
29-926-65 ...	Fix anchor DW 20.....	0.9
29-926-70 ...	Fix anchor DW 26.5.....	1.9

Planing cap DW

Hard foam, 13 cm long, 45° end piece. For DW 15 and DW 20 (or 26.5). Is plugged onto the DW tie rod or on a plastic sleeve for one-sided anchoring of support frames STB. Hole depth 5 cm.



Ref.-No.	Description / Application	kg
29-917-75 ...	Planing cap DW 15.....	0.1
29-917-85 ...	Planing cap DW 26,5.....	0.1

MEVA-FormSet

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.



Ref.-No.	Description / Application	kg
29-921-10	... Spiral anchor DW 15/100	0.1
29-921-20	... Assembly bracket for Spiral anchor MFS	0.1

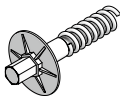
Adjustable spanner

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

Ref.-No.	Description / Application	kg
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/mm²; concrete strength 49.9 kN.

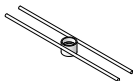


Ref.-No.	Description / Application	kg
29-922-70	... Quick anchor	0.3
29-922-73	... Quick anchor DW 15 anchor plate	2.3

MEVA-FormSet

Quick-anchor fixture

To secure the spiral anchor or the quick anchor in the rebar.



Ref.-No.	Description / Application	kg
29-922-75 ...	Quick-anchor fixture.....	0.2

Spiral spring

Spare part, remains in concrete.



Ref.-No.	Description / Application	kg
29-922-72 ...	Spiral spring	0.1

Nail plate

Galvanised, for fastening the box-out elements on the slab formwork panel with 4 nails d=65 mm.



Ref.-No.	Description / Application	kg
29-922-50 ...	Nail plate DW15 MFS	0.7

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]).



Ref.-No.	Description / Application	kg
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

MEVA-FormSet

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).



Ref.-No.	Description / Application	kg
29-800-45	... Double-headed ground nail 25/480	2.0

Remover for soil nail

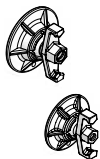
Is used to remove the ground nail from the earth together
with a lever rod (not supplied).



Ref.-No.	Description / Application	kg
29-800-50	... Revomer for soil nail	0.8

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.



Ref.-No.	Description / Application	kg
29-900-10	... Articulated flange nut 15/120 (SW 27)	1.8
29-900-05	... Articulated flange nut 20/140	2.4

MEVA-FormSet

Flange nut 100

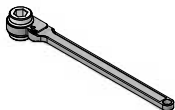
Forged, galvanized. DIN 18216. DW thread Ø 15 mm, plate Ø 100 mm, SW 27. Admissible load capacity 90 kN.



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

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.



Ref.-No.	Description / Application	kg
29-800-00 ...	Spanner SW 26	1.8
29-800-10 ...	Spanner SW 27	1.8
29-800-15 ...	Spanner SW 36	3.3

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.



Ref.-No.	Description / Application	kg
29-900-23 ...	Drive nut 60	0.5

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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).



Ref.-No.	Description / Application	kg
29-900-61 ...	Hexagonal nut 20 (SW 36)	0.5
29-900-60 ...	Hexagonal nut 15, galv. (SW 30)	0.2
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).



Ref.-No.	Description / Application	kg
29-900-55 ...	Coupling nut DW 15	0.4
29-900-50 ...	Coupling nut DW 20	0.7
29-900-56 ...	Coupling nut DW 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.



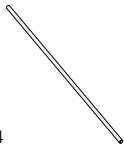
Ref.-No.	Description / Application	kg
29-900-43 ...	Washer plate 40/80/8, galv.....	0.2
29-900-46 ...	Washer plate 60/100/10, galv.....	0.5



MEVA-FormSet

Plastic tube

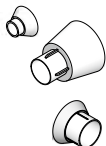
Is used as a plastic sleeve for a tie rod that is to be recovered and re-used. 2 m long.



Ref.-No.	Description / Application	kg
29-902-30 ...	Plastic tube D22/200	0.4
29-902-29 ...	Plastic tube D26/200 for fix anchor DW 15.....	0.4
29-902-28 ...	Plastic tube D32/36 L 2000 mm	0.4

Cone for plastic tube

Available with 10 mm or 30 mm covering .



Ref.-No.	Description / Application	kg
29-902-40 ...	Cone for plastic tube D22/10 (10 mm covering)	13.0
29-902-50 ...	Cone for plastic tube D22/30 (30 mm covering)	3.3
29-902-55 ...	Cone for plastic tube D32/10.....	6.5

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.



Ref.-No.	Description / Application	kg
29-412-08 ...	Concrete and rock anchor DW 15	0.3

Water stop

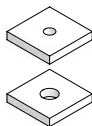
Not shown. Uncoated. Lost part for tie rods DW 15 and DW 20 to produce watertight tie holes. Adm. load capacity depends on diameter: Ø 15 mm (90 kN), Ø 20 mm (160 kN).

Ref.-No.	Description / Application	kg
29-903-20 ...	Water stop DW 15	0.6
29-903-30 ...	Water stop DW 20	1.4

MEVA-FormSet

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.



Ref.-No.	Description / Application	kg
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

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.

Ref.-No.	Description / Application	kg
29-915-15 ...	Pressure gauge 250 kN.....	6.4
29-915-00 ...	Pressure gauge 400 kN.....	6.4

Spacer

alkus-sheet to maintain the distance between the wall thickness.
Is inserted between the formwork at the top.
For wall thickness 25 cm and 30 cm or 20 cm and 24 cm.

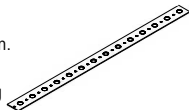


Ref.-No.	Description / Application	kg
29-901-62 ...	Spacer 25/30 AL20/17.....	0.7
29-901-52 ...	Spacer 20/24 AL20/17.....	0.6

MEVA-FormSet

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 panels are assembled in horizontal position.



Ref.-No.	Description / Application	kg
29-307-50	... Foundation tape 50 m.....	20.0

Trolley for foundation tape

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

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

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.



Ref.-No.	Description / Application	kg
29-921-65	... Door spindle MFS 700-1100 mm.....	4.7
29-921-63	... Door spindle MFS 550-900 mm.....	4.0

MEVA-FormSet

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.



Ref.-No.	Description / Application	kg
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

Magnet RS d = 60/80

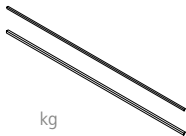
Used to position small box-outs or electrical sockets. Several magnets are used for box-outs up to 40 cm. The full clamping force is only transmitted when pressed against the facing.



Ref.-No.	Description / Application	kg
23-807-67 ...	Magnet RS d=60/80	1.0

Chamfer strip magnet RS

Is used on steel facing, e.g. on the facing of the Radius circular system.

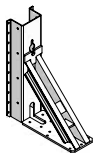


Ref.-No.	Description / Application	kg
29-903-07 ...	Chamfer strip magnet RS 20/20 L=2.00 m	3.2
29-903-02 ...	Chamfer strip magnet RS 15/15 L=2.00 m	2.2

MEVA-FormSet

Trestle for beams 40/30

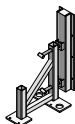
Galvanized. Is used as formwork for concrete beams or for stop ends at slab edges.



Ref.-No.	Description / Application	kg
29-500-10 ...	Trestle for beams 40/30.....	5.1

Brace bracket 50 MFS

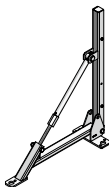
Galvanised, for base plates and slab edge formwork up to the height of 50 cm. With integrated nailing strip. Fixing in the ground with soil nail. Fixing in the base plate with anchor dowel.



Ref.-No.	Description / Application	kg
29-921-30 ...	Brace bracket 50 MFS.....	5.8

Brace bracket 80

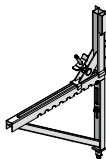
Galvanized. Can be used for floor slabs and slab ends up to 80 cm high. Can be inclined by up to +/- 15°. With plastic nail bar. Can be folded for transport.



Ref.-No.	Description / Application	kg
29-921-35 ...	Brace bracket 80	11.5

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 guardrailing post.



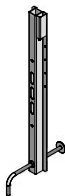
Ref.-No.	Description / Application	kg
29-921-40 ...	Stop end bracket MFS	14.5

MEVA-FormSet

Stop-end rail MFS

Steel, galvanized. Is used to form slab ends for slabs up to 60 cm thick.

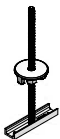
Ref.-No.	Description / Application	kg
29-921-50 ...	Stop-end rail MFS.....	7.2



Stop-end spindle MFS

Steel, galvanized. DW 15. Is used as an anchor to adjust the stop-end rail and formwork.

Ref.-No.	Description / Application	kg
29-921-55 ...	Stop end spindle MFS DW 15.....	1.9



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.

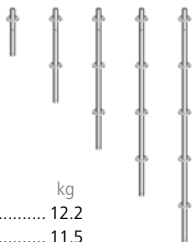


Ref.-No.	Description / Application	kg
24-200-10 ...	Starting stair Alu, h = 1.00 m	14.8
24-200-20 ...	Stair with landing Alu 2.57 x 0.64 m, h = 2.00 m	23.2
24-200-21 ...	Stair with landing Alu 2.57 x 0.64 m, h = 1.50 m	22.8
24-200-23 ...	Stair with landing Alu 2.57 x 0.64 m, h = 0.50 m	11.2

MEVA-FormSet

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.



Ref.-No.	Description / Application	kg
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

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.

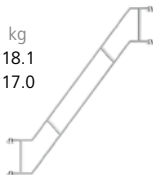


Ref.-No.	Description / Application	kg
24-200-50 ...	Steel deck 2.57 x 0.32 m.....	18.9

Stair rail

Is used as a fall-down protection.

Ref.-No.	Description / Application	kg
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

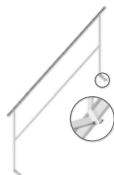


MEVA-FormSet

Internal stair rail

Is used as a fall-down protection.

Ref.-No.	Description / Application	kg
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



Stair railings circulation MTT

Galvanized. Is used as a fall-down protection for stairs at mid-level.

Ref.-No.	Description / Application	kg
24-200-95 ...	Stair railings circulation MTT	6.2



Stairway guardrail adaptor

Is used to attach stair rails when no 1.40 m ledgers are available.

Ref.-No.	Description / Application	kg
24-202-85 ...	Stairway guardrail adaptor	0.7



Stair rail post 1.30 m

Is used to attach the 1.90 m ledger, wedge head and U-fork.

Ref.-No.	Description / Application	kg
24-200-90 ...	Stair rail post 1.30 m	6.1



MEVA-FormSet

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.



Ref.-No.	Description / Application	kg
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.

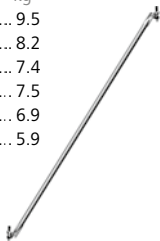


Ref.-No.	Description / Application	kg
24-201-40 ...	Ledger 1.90 m, with wedge head and U-fork	7.8

Diagonal brace

Steel. The diagonal braces with gib and cotter connections additionally brace the basic tower consisting of MTT standards and ledgers.

Ref.-No.	Description / Application	kg
24-202-10 ...	Diagonal brace 2.57 m x 2.00 m	9.5
24-202-11 ...	Diagonal brace 2.57 m x 1.50 m	8.2
24-202-12 ...	Diagonal brace 2.57 m x 1.00 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 1.50 m	6.9
24-202-22 ...	Diagonal brace 1.40 m x 1.00 m	5.9



MEVA-FormSet

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.



Ref.-No.	Description / Application	kg
24-202-50 ...	Wall tie 0.95 m.....	3.7

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.



Ref.-No.	Description / Application	kg
24-202-60 ...	Base spindle 60	3.6

Spindle attachment with wedge head

Secures the base collar and the base spindle 60 against falling off when crane-lifting the stair tower.



Ref.-No.	Description / Application	kg
24-202-70 ...	Spindle attachment with wedge head	2.0

Spigot

Is used to connect 2 MTT standards.
Attachment with 4 hinged pins, dia. 12 mm.



Ref.-No.	Description / Application	kg
24-202-76 ...	Spigot	1.6

MEVA-FormSet

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.



Ref.-No.	Description / Application	kg
24-202-80 ...	Base collar	1.4

Hinged pin, dia. 12 mm

Connects the MTT standards with each other.



Ref.-No.	Description / Application	kg
24-202-90 ...	Hinged pin, dia. 12 mm	0.1

Swivel nut M 16

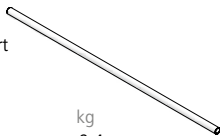
Galvanized. Is used for anchoring at the building wall.



Ref.-No.	Description / Application	kg
24-202-97 ...	Swivel nut 12x350, galv.	0.4

Scaffold tube

Galvanized. Is used to reinforce large-size units of support frames or climbing scaffolds for crane ganging.



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

MEVA-FormSet

Swivel-joint coupler 48/48

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



Ref.-No.	Description / Application	kg
29-412-52 ...	Swivel-joint coupler 48/48.....	1.2
29-412-51 ...	Swivel-joint coupler 48/34.....	1.2
29-412-53 ...	Swivel-joint coupler 48/60.....	1.2

Rigid coupler 48/48

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



Ref.-No.	Description / Application	kg
29-412-50 ...	Rigid coupler 48/48.....	1.1

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.

Ref.-No.	Description / Application	kg
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.



Ref.-No.	Description / Application	kg
40-080-70 ...	Bolt-on coupler 48/M14.....	0.6

MEVA-FormSet

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.



Ref.-No.	Description / Application	kg
29-412-55	... Joint coupler 48/48 (SW 22)	1.4

Tube connector 48

Galvanized. Supplement to rigid coupler 48/48. Is used to reinforce the joint of two tubes.



Ref.-No.	Description / Application	kg
29-412-57	... Tube connector 48	1.1

Flange clamp 40

Galvanized. Is used to connect two steel profiles with flanges. Clamping length 0 - 40 mm. Width 57 mm.



Ref.-No.	Description / Application	kg
29-207-35	... Flange clamp 40	1.2

MEVA-FormSet

MAB MEVA working platform

For work at low heights. Basic scaffold made of aluminium for alternating (first one side then the other) plug-in assembly; aluminium railings and diagonal braces can be easily and securely installed. Working floors made up of an aluminium frame and plywood inserts, also as an access bridge for safe internal access. Sturdy swivel-type castors (permanently mounted) for a high level of stability. Equipped with scaffold props. Working height 4.61 m, scaffold height 3.83 m, platform height 2.61 m. The permissible loading is 2.0 kN/m² on a maximum of one working level (scaffold group 3 according to DIN EN 1004:2005)



Ref.-No.	Description / Application	kg
29-919-00 ...	MAB-MEVA-Working platform.....	145.5

Formwork-prop connector

Galvanized. Is used to connect a Triplex brace to the multi-function profile with a flange screw 18. Delivery includes head bolt 16/90 and cotter pin 4.



Ref.-No.	Description / Application	kg
29-804-85 ...	Formwork-prop connector	1.7

MEVA-FormSet

Push-pull prop R

Galvanized. Guarantee tensile and compression strength. Align and brace wall formwork. Length of thread 20.6 cm. Foot plates and formwork-prop-connectors to be ordered separately.



Ref.-No.	Description / Application	kg
29-109-40 ...	Push-pull prop R 160	12.6
29-109-60 ...	Push-pull prop R 250	17.2
29-109-65 ...	Push-pull prop SST 250	17.2
29-109-80 ...	Push-pull prop R 460	34.0
29-109-85 ...	Push-pull prop R 630	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.



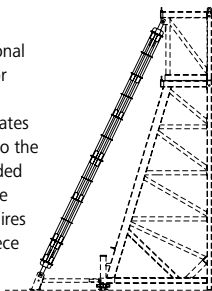
Ref.-No.	Description / Application	kg
29-108-80 ...	Brace SRL 120	8.8
29-108-90 ...	Brace SRL 170	11.5

63-120-49 ...	Hexagonal bolt M16 x 40, galv., DIN 933	0.1
63-130-00 ...	Hexagonal locking nut M16, galv., DIN 985	1.6

MEVA-FormSet

Triplex SB

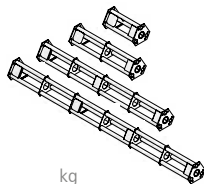
Galvanized. Triplex SB braces are primarily used for additional load transfer when forming single-sided walls of 6.00 m or higher with support frames STB 450 and extensions 150. Triplex SB braces are delivered as modules without foot plates or formwork-prop connectors and are assembled on site to the 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	kg
29-407-00 ...	Triplex SB 630	142.0
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).

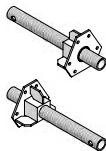


Ref.-No.	Description / Application	kg
29-407-30 ...	Triplex intermediate piece SB 50	15.2
29-407-35 ...	Triplex intermediate piece SB 100	22.1
29-407-40 ...	Triplex intermediate piece SB 200	37.7
29-407-45 ...	Triplex intermediate piece SB 300	53.3

MEVA-FormSet

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.



Ref.-No.	Description / Application	kg
29-407-25	... Top unit 73 (left-hand thread) black spindle.....	18.6
29-407-20	... Top unit 73 (right-hand thread) silver spindle.....	19.0

Foot plate 73

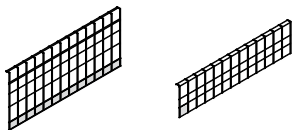
Galvanized. Particularly sturdy foot plate for Triplex SB. Delivery includes screw M30x150 and nut M30.



Ref.-No.	Description / Application	kg
29-407-74	... Foot plate 73.....	9.6

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.



Ref.-No.	Description / Application	kg
29-920-00	... Safety mesh 1100/2490	15.0
29-920-05	... Safety mesh 600/2490	9.8

MEVA-FormSet

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 KKL or bracket extension and with safety eye to concrete wall. This can be done at the cone from the previous pour.

Ref.-No.	Description / Application	kg
29-930-10	... Tension belt with hook and loop	3.8
29-930-15	... Tension belt with hook on both ends	3.9

Holding plate

Galvanised, for base plates and slab edge formwork up to the height of 50 cm. With integrated nailing strip. Fixing in the ground with soil nail. Fixing in the base plate with anchor dowel.



Ref.-No.	Description / Application	kg
29-930-95	... Holding plate	0.6

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.

Ref.-No.	Description / Application	kg
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.

Ref.-No.	Description / Application	kg
29-108-65	... Quick-release belt fastener	0.1

MEVA-FormSet

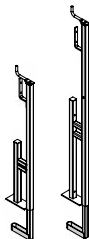
Railing clamp

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.

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



Guardrailing post

Galvanized. Is plugged into the walkway bracket.

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



Guardrailing post 48

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

Ref.-No.	Description / Application	kg
29-106-80 ...	Guardrailing post 48/120 (UK).....	5.5



MEVA-FormSet

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.



Ref.-No.	Description / Application	kg
29-921-72	... Universal shoe MFS	2.1

Clamp for Guardrailing post

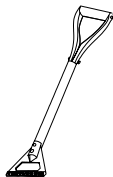
Galvanized. Sliding part with spindle, suited for all common MEVA guardrailing posts (round and square). Adjustment range 0 - 45 cm. Usable for stop ends at slab edges and parapets.



Ref.-No.	Description / Application	kg
29-107-35	... Clamp for guardrailing post.....	9.8

Concrete scraper

With 6 or 10 replaceable hard-metal plates and steel ledge.
Wooden stick (ash-tree) with handle.



Ref.-No.	Description / Application	kg
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

MEVA-FormSet

Spare ledge

Not shown. Replaceable steel ledge.

Ref.-No.	Description / Application	kg
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.

Ref.-No.	Description / Application	kg
29-905-35 ...	Hard-metal plates.....	0.1

Divinol Wax

Not shown. Paste-like solvent-based wax suitable for all formwork (wood, steel, plastic-coated). Rain resistant. Recommended for use on the XT taper ties.

Ref.-No.	Description / Application	kg
29-203-30 ...	Divinol Wax.....	22.0

MevaTrenn classic

Not shown. 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 mm²/s/20°C. Water hazard class 1.

Ref.-No.	Description / Application	kg
29-931-50 ...	MevaTrenn classic (20 l can)	20.0
29-931-60 ...	MevaTrenn classic (200 l barrel).....	200.0
29-931-70 ...	MevaTrenn classic (1000 l barrel).....	1000.0

MEVA-FormSet

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.

Ref.-No.	Description / Application	kg
29-203-45 ...	MevaTrenn pro (20 l can).....	20.0
29-203-97 ...	MevaTrenn pro (200 l barrel)	200.0
29-203-98 ...	MevaTrenn pro (1000 l barrel)	1000.0
29-903-71 ...	MEVA-Sprayer	5.5
29-203-94 ...	Stainless steel jet	0.1

MevaTrenn eco

Not shown. MevaTrenn eco carries the EU Ecolabel of RAL gGmbH and fulfils Giscod BTM 10. Release agent based on environmentally neutral ester oils that contains no mineral oils or solvents and is not water-polluting. Suitable for all formwork up to a working temperature of 70°. Can be used up to DGNB quality level 3 according to the manufacturer.

Ref.-No.	Description / Application	kg
29-931-75 ...	MevaTrenn eco (20-l-can)	20.0

MEVA-FormSet

MevaTrenn plus

Not shown. Suited for absorbent and non-absorbent forming faces. Solvent-based without VOC. 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

Ref.-No.	Description / Application	kg
29-203-46 ...	MevaTrenn PLUS (20 l can)	20.0
29-203-47 ...	MevaTrenn PLUS (200 l barrel).....	200.0
29-203-48 ...	MevaTrenn PLUS (1000 l barrel).....	1000.0

Sprayer

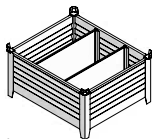
Not shown. To allow for an even and sparing spraying of the forming surface, suited for (5 litre) MevaTrenn and wax.

Ref.-No.	Description / Application	kg
29-903-75 ...	MevaTrenn brass spray nozzle	0.1
29-203-99 ...	Tap for barrel	0.2
29-203-49 ...	Tap for 20 l can	0.3

MEVA-FormSet

Storage box 120/100

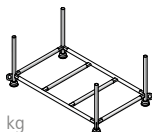
Coated. Stackable. Can be used to store assembly locks, anchoring parts and other accessories. With removable partitions and a hinged front part. Stacking height 60 cm.



Ref.-No.	Description / Application	kg
27-000-10	... MEVA storage box 120/100	102.0

Stacking rack

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



Ref.-No.	Description / Application	kg
27-000-20	... Stacking rack	34.5

MEVA packing crate

Not shown. Wooden packaging for MEVA accessories. Height 80 cm (50 cm), L x W 120 x 80 cm.

Ref.-No.	Description / Application	kg
27-000-90	... MEVA packing crate 80	48.0
27-000-92	... MEVA packing crate 50	38.0

MEVA Panel Rack ECO

Not shown. Steel, galvanised. Rack for formwork panels (vertical position, side by side). With crane eye, for 10 panels with a profile height of 10 cm or 8 panels with a profile height of 12 cm.

Ref.-No.	Description / Application	kg
X20-0060	 MEVA Panel Rack ECO	85.0

MEVA-FormSet

Eco Holder

Not shown. Bracket for MEVA Panel Rack Eco for panel height of 300 cm or 270 cm. 4 pieces are required per rack.

Ref.-No.	Description / Application	kg
X20-0061	Eco Holder 270/405	2.0
X20-0062	Eco Holder 300/555	3.0

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.



Ref.-No.	Description / Application	kg
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
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

MEVA-FormSet

Complete alkus-repair set

A complete set for the repair of alkus facing. All items can also be ordered separately.



Ref.-No.	Description / Application	kg
29-912-01 ...	Complete alkus repair kit 230 V.....	42.8
29-912-40 ...	Munsch Mini Extruder, 230 V, 4 mm PP.....	5.5
29-912-20 ...	Metabo paint stripper.....	2.2
29-912-22 ...	Spare blade for Metabo paint stripper.....	0.1
29-912-35 ...	Drill stand GDP 320 with guide.....	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.....	0.1
29-912-90 ...	Tool to remove rivets.....	0.4
40-092-60 ...	Head for tool to remove rivets.....	0.4
29-912-70 ...	Scraper.....	1.2
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
29-912-94 ...	Welding wire PP 4 mm, 50 m.....	7.7
29-912-15 ...	Quick-clamping welding nozzle, 4mm.....	0.1
29-912-67 ...	Protective glasses classic.....	0.2
29-912-68 ...	Protective gloves H+.....	0.2
29-916-10 ...	alkus Drive disc incl. hook-and-loop fastener.....	4.3
29-916-15 ...	alkus Hose holder, with tap.....	1.0

MEVA-FormSet

Rotation cleaner STR 702 complete set

Not shown. For cleaning alkus facing. Includes: Rotation cleaner STR 702, alkus Drive disc incl. hook-and-loop fastener, alkus Hose holder, with tap and Additional weight for rotation cleaner.

Ref.-No.	Description / Application	kg
28-506-00 ...	Rotation cleaner STR 702	65.0
28-502-30 ...	Cleaning patch	0.1
28-502-35 ...	Cleaning grid D406 mm / M60	0.1
28-502-36 ...	Cleaning grid D406 mm / M120	0.1
28-502-37 ...	Cleaning grid D406 mm / M180	0.1
28-502-38 ...	Cleaning grid D406 mm / M220	0.1
28-502-39 ...	Cleaning grid D406 mm / M320	0.1
28-502-40 ...	Grinding disc ST40F-D410 mm-KG40-D025.....	0.4
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 D420 mm.....	4.1
28-506-95 ...	Formwork paste S10	0.1
28-502-32 ...	Cleaning pad D406 blue.....	0.1
28-502-42 ...	Grinding disc ST40F-D410 mm-KG24-D025.....	0.4

Alu suitcase

Not shown. Case for MEVA sample parts.

Ref.-No.	Description / Application	kg
28-100-10....	Alu suitcase 670 x 470 x 280.....	6.8

Alu-robust-case

Not shown. Case for alkus-repair set.

Ref.-No.	Description / Application	kg
28-100-12....	Alu-robust-case 84 x 54 x 37 cm	16.0

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