



MEVA FormSet

System-independent accessories



Robust and durable

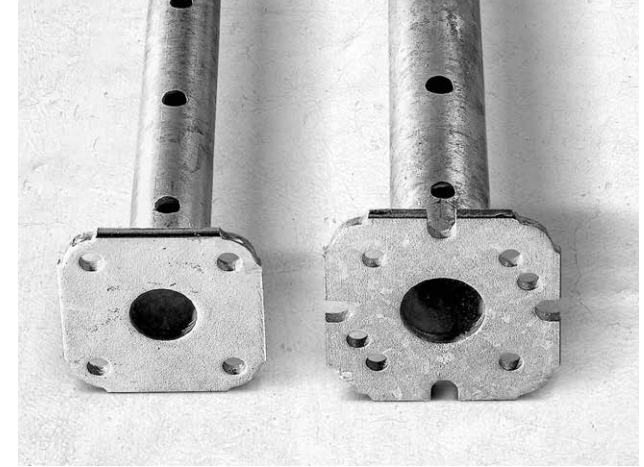
Wood, props and accessories

Reliable support during slab construction

High load capacity on the one hand, simple handling and flexibility on the other: The solutions from MEVA to ensure reliable support and rapid pouring of slabs are as simple as they are smart. Made out of high-quality, durable materials, the props and beams including accessories convince through a high degree of efficiency.

EuMax Pro prop

EuMax Pro is the strong and comprehensive range of props for all slab formwork systems. The high-quality galvanized props with extension lengths ranging from 98 to 550 cm are manufactured in accordance with DIN ISO 9001 and stand for a high degree of flexibility and type-tested safety. The permissible loading is 20 kN for class D and 30 kN for class E at all extension lengths. The prop convinces due to its ergonomic design and user friendliness, its long service life thanks to hot-dip galvanisation, its safety features and its easy cleaning. EuMax Pro is compatible with all MEVA slab formwork systems.



The two prop classes (D and E) are easily distinguishable due to their differently shaped end plates.



Simply smart

- Long service life thanks to hot-dip galvanisation, cast adjustment nut
- Props according to DIN EN 1065, nominal loading at all extension lengths (20 or 30 kN)
- Simple length adjustment thanks to numbered adjustment holes in the inner tube, wide fine-adjustment range
- Cranked G hook for ergonomic work
- Hand injury protection: Inner tube protrudes by 10 cm when retracted
- Self-cleaning external thread
- Inner tube secured to prevent it slipping out

Prior to use of the FormSet products, please check the technical details.

3S plywood facing

The adhesive-bonded, 21 or 27 mm thick 3-ply facing is melamine-coated with all edges sealed and offers high dimensional stability.

- 21 mm panel: 10.0 kg/m²
Flexural rigidity: 40 N/mm²
- 27 mm panel: 12.5 kg/m²
Flexural rigidity: 35 N/mm²
- No chipping on long edges
- Edges with water-repellent seal and coating
- Melamine coating: 130 g/m²
- Elastic modulus (mean): 10,000 N/mm²

H20 beams

The H20 beams can be flexibly used as longitudinal or transverse members. Thanks to their 3-ply solid webs, they can be cut to any size and supported as required. They have a self-weight of only 4.6 kg/m.

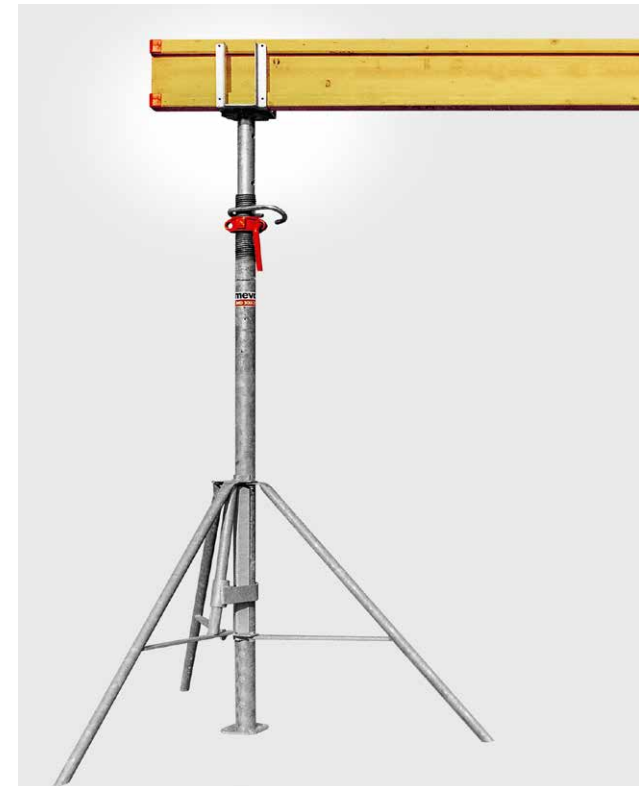
- Plastic caps for impact protection
- 3-ply solid timber to EN 13353, face and core layers made from bonded strips with largely vertical annual rings
- Wood moisture content: 12 % +/- 3 %
- Strength-graded, Class S10 to DIN 4074
- Web-milling on the opposing side of the core (left-sided chord surface)
- Impregnated with waterproof colour glaze

Accessories

The easier the handling, the safer and more reliable the solution: hence the range of smart accessories supplied by MEVA for supporting and forming slabs. These include all the necessary ancillaries, from beam and safety clamps to tripods and alu-beams.



Intelligent accessories: the H20 connector clip ensures a fast, reliable, low-wear connection for H20 beams without nails.



H20 forked prop head and tripod



H20 beam clamp



20/245 MEVA alu-beam

A wealth of possible uses

Anchor solutions

For single- and double-sided assemblies

MEVA's intelligent and wide-ranging anchor solutions for single- and double-sided assemblies ensure fast, straightforward and reliable attachment of panels, tie rods and MEVA stop-ends.

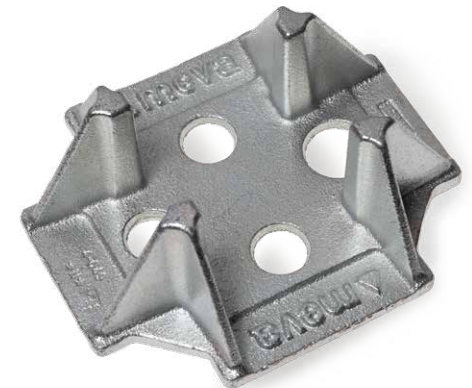
MEVA's anchor solutions offer easy handling and versatile use for applications including:

- Ground slabs where support frames are used (single and double anchors plus anchor supports)
- Attachment of panels (spiral anchors)
- Attachment of brace brackets (double-headed soil nail 25/480)
- Extension of cast-in anchorages (coupling nut)
- Determination of anchor tensile forces (load cells/pressure gauges)



Articulated flange nuts

MEVA articulated flange nuts are available for the standard DW 15 and DW 20 threads. The smart ball joint caters for inclinations of up to 10°. The maximum load capacity totals 90 kN or 160 kN. 120 mm- and 140 mm-diameter plates reduce wear on the panel coatings.



Uni-tie claw

Robust and practical, the galvanised uni-tie claw is ideal for tying above or beside panels with 40 and 60 mm frame profile thicknesses, and fits the DW 15 and DW 20 tie rods.



Simply smart

- Straightforward handling
- Versatile use

Nailable connector

Made from red plastic, the DW 15 nailable connector for fair-faced concrete is used to attach DW 15 anchor sleeves to the facing.



Tie rods

Secure tying of panels for double-sided formwork and reliable transmission of forces from support frames to the foundation: the tie rods offer a maximum load capacity of 90 kN for DW 15, 160 kN for DW20 and 250 kN for DW26.5.



Foundation tape and tensioners

Foundations or small walls can be quickly and easily cast without conventional tying components in the concrete. Here, the formwork is placed on the foundation tape and connected up by means of any standard foundation tensioner. MEVA offers tensioners for 23, 40 and 60 mm frame profile thicknesses.



Water stops

These water stops provide reliable protection against water pressure, as certified by Materials Testing Institute (MPA) at University of Stuttgart. When used as a lost internal part in conjunction with DW 15 or DW20 tie rods and with a high maximum load capacity (90 / 160 kN), the water stop ensures absolutely watertight tie holes.



Smart anchoring

DW 15 quick anchor

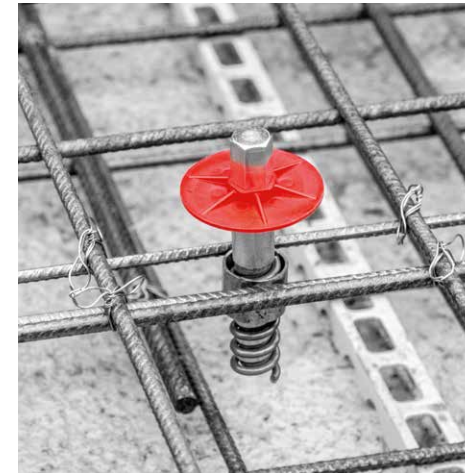
Reliable, reusable and long-lasting

The DW 15 quick anchor is suitable for both ground and suspended slabs. It is ideal for installing safe anchorings with the flange screw 18 or DW 15 tie rod for braces, shoes for safety mesh, single-sided propping and a wide range of other uses.

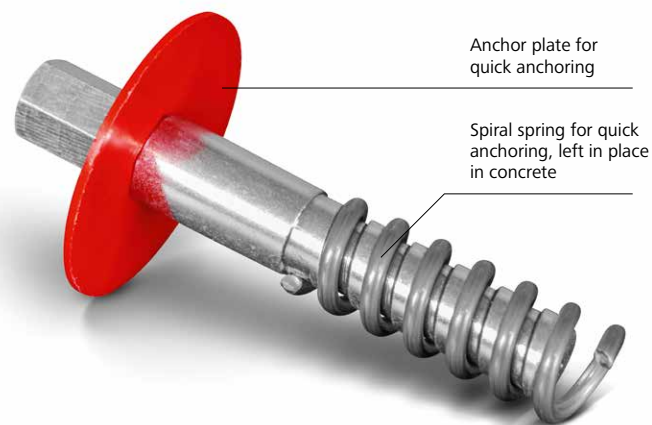
The DW 15 quick anchor (SW 17) can be extracted together with the anchor plate by means of a power screwdriver or ratchet and reused for the next concrete pour. As the spiral spring remains in the concrete, all that is required for the next operation is simply to replace the spiral spring on the anchor.



Option 1 – The quick anchor is simply pressed into the fresh concrete. The required concrete cover is achieved through adjustment of the anchor plate.



Option 2 – Prior to casting the ground or suspended slab, the quick anchor is attached to the reinforcement with the quick-anchor fixture. This allows for exact positioning of the quick anchor.



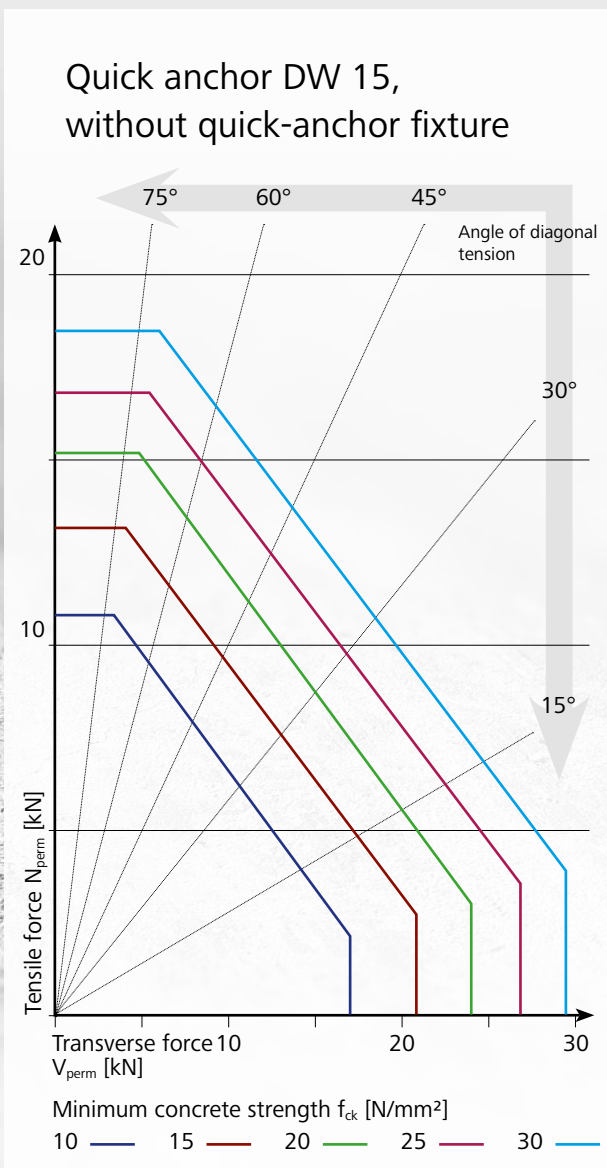
The anchor can be extracted by means of a power screwdriver, ratchet or open-end spanner (size 17).



The versatile quick anchor can be used for a diversity of attachments – as here, for example, with brace frames.



The graph shows the permissible tensile and transverse forces in terms of concrete strength for DW 15 quick anchor applications without a quick-anchor fixture, e.g. for attaching brace frames.



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- ### Simply smart
- Reusable
 - No screw anchors needed
 - Quick-anchor fixture allows for exact positioning of anchor and attachment to reinforcement





Time-saving and reliable

Stop-end systems

Impressive in detail

Whether slab edge or slab cantilever, MEVA offers intelligent solutions to meet all on-site stop-end requirements.

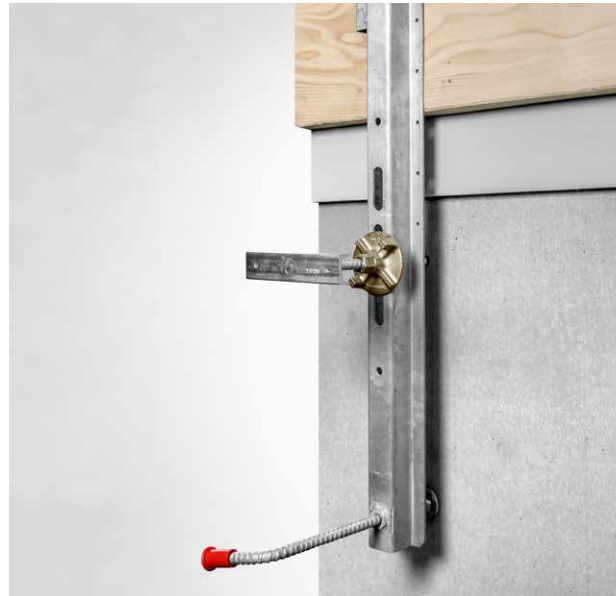
Brace brackets

The easy-to-use brace brackets are available in two sizes. The SK 80 brace bracket allows the formation of stop-ends up to a height of 80 cm. The SK 150 brace bracket is used for ground slab stop-ends with a thickness of up to 150 cm. Both models allow for continuous adjustment for inclinations of up to 15°, making them suitable for use on sloping slabs. The brackets can be folded up for space-efficient storage and easy transportation.



MFS stop-end brackets for slab cantilevers

MFS stop-end brackets simplify and speed up the construction of cantilever slabs up to 40 cm thick with a cantilever length of 50 cm. The brackets allow continuous height adjustment to ensure reliable positioning of the stop-end form. The slab edges are then formed with MEVA formwork panels, 3S plywood, alkus facings (see above) or planks.



Stop-end rail for vertical slab edge stop-end formwork

The stop-end rail (with anchor sleeve and DW 15 anchor) offers a fast and cost-effective solution for forming the edges of all suspended slabs up to 60 cm thick. It can be used in conjunction with guard-railing posts, safety mesh or both. The guard-railing posts simply push-fit into the stop-end rail.

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Simply smart

- All-in-one solution
- Convenient accessories
- Easy handling and high safety
- Absolute reliability
- MFS stop-end bracket and stop-end rail combinable with guard-railing post and safety mesh

Stop-end brackets to form end of concrete pours

These stop-end brackets enable the quick, simple and reliable formation of stop-ends for walls. Brackets are available for frame profile thicknesses of 23, 40 and 60 mm.



Simple and flexible

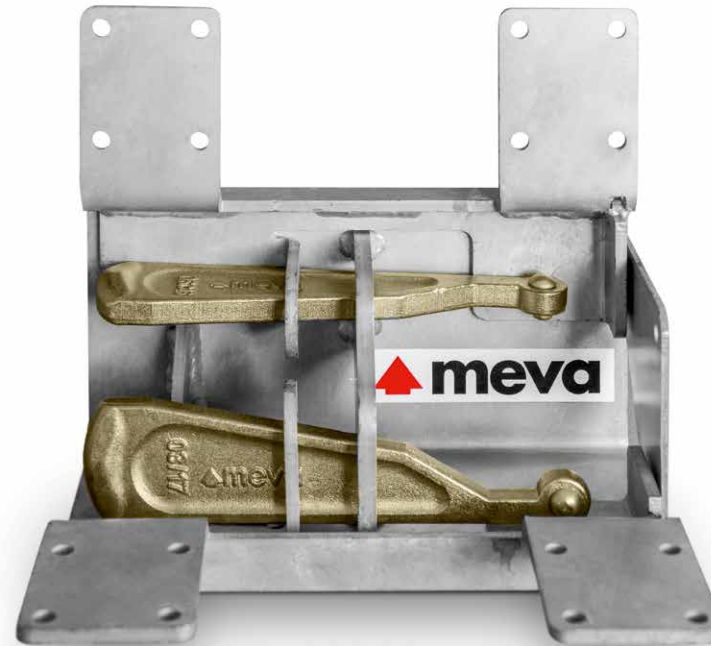
Box-outs

Easier working, lower labour costs

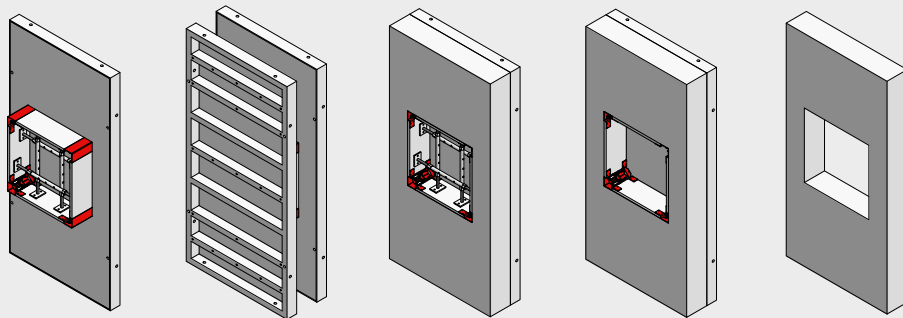
MEVA's box-out solutions offer the unbeatable advantages of easy handling coupled with high speed and precision during formwork assembly and stripping.

Box-out corner

In next to no time, four box-out corners can be fitted as a box-out set. They allow for flexible use with plywood pieces of different lengths. The attachment of chamfer strips to the formwork is recommended for the best possible results.



The entire box-out is opened and closed by operating the four box-out corners with the captive MEVA wedges – already a familiar feature of the assembly locks. The box-out corners are screwed to the plywood pieces and locked in place by the integral wedges to ensure that nothing is lost.



Boxing out in next to no time

The complete box-out set with plywood is fitted to the formwork along with the chamfer strips. The door spindles serve to resist the fresh concrete pressure. The formwork is closed and filled with concrete. The remaining operations take no time at all: the formwork and door spindles are released, wedges opened and the plywood pieces removed.



i Simply smart

- Fast and straightforward
- Reusable
- Saves time, money and materials
- Formwork assembly and stripping in next to no time
- Incorrect measurements impossible, foolproof assembly
- Easy to use

Fast and flexible

MEVA box-out corners can accommodate everything from small door spindles to large EuMax props. The box-out lengths and widths are a function of the plywood lengths. Standard wall thicknesses of 20, 24, 25 and 30 cm are available – other wall thicknesses can be supplied upon request. Even the use of alkus all-plastic form facings is possible.

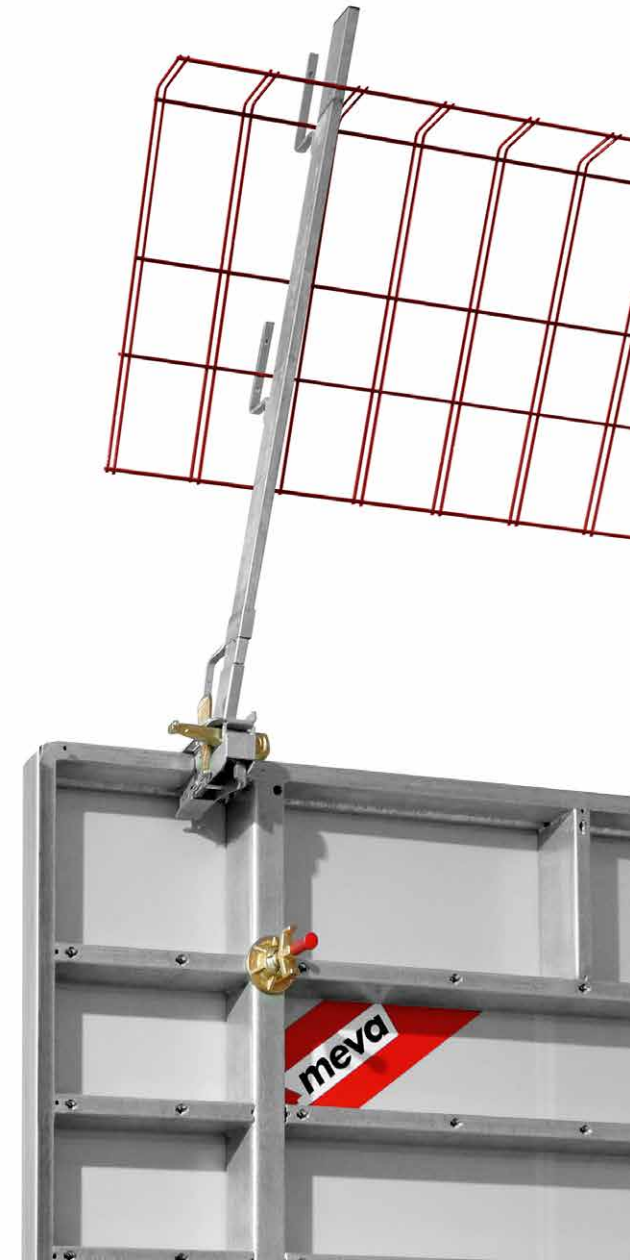


Rock-solid solution

Side protection

Maximum all-round safety

Guarding rails, safety mesh and protective netting provide a safe working environment at elevated heights. In addition to high construction stability, fast, straightforward installation with captive parts is an important factor – all reasons to opt for MEVA's certified and cost-efficient solutions.





Simply smart

- Fast, uncomplicated assembly
- Robust despite low weight



MFS shoe universal

As fall protection systems are only ever as good as their supporting construction, a sound base connection is essential. In conjunction with the MEVA guarding-rail posts and safety mesh, the MFS shoe universal ensures dependable all-round fall protection. A secure construction is achieved through use of the tried-and tested DW 15/100 spiral anchor or the DW 15 quick anchor, attached with a flange screw 12.



Easy to assemble and dismantle

Shoring towers

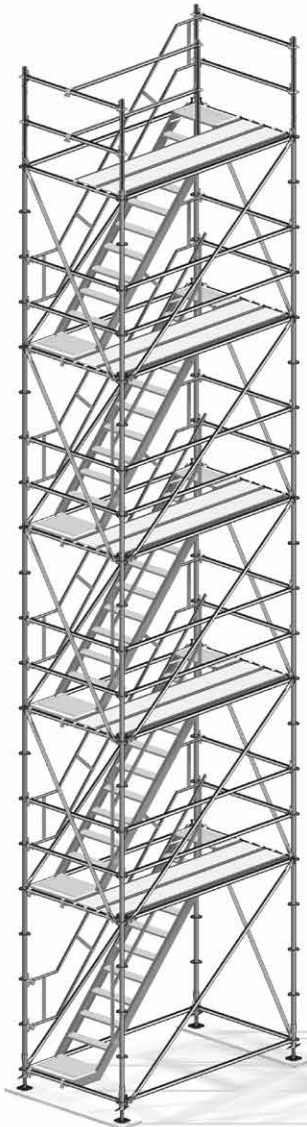
Safety at vertiginous heights

Safety becomes a particularly critical factor when site operations involve working at elevated heights. MEVA's easy-to-handle tower and platform assemblies, complemented by practical accessories for specific applications, will always provide you with a safe and dependable solution.

MEVA MTT stair tower

In addition to the access ladders with safety cages that form an integral part of its wall and column formwork products, MEVA also offers the MTT stair tower as a convenient vertical access system.

As an all-round solution, the stationary MTT stair tower provides a means of upward and downward movement in any situation. It excels through its flexibility and ease of installation. It can be assembled on the ground or in upright position while also allowing for vertical extension. Construction heights of up to approx. 115 m are covered by type calculations. Additional extension is possible subject to separate verification.



Prior to use of the FormSet products, please check the technical details.

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Simply smart

- For use as stair tower for vertical access and as steelfixing scaffold
- Modular principle
 - Few system components
 - Straightforward assembly
 - Flexible adaptation and extension
- Non-slip steel floors supporting loads of up to 200 kg/m²
- Identical step height throughout
- Choice of exit position at side or end
- Robust construction, flexible assembly





Scaffold tube

Cross-system application, e.g. for fall protection/guarding rails and for bracing support frames. Available with rigid or swivel-joint couplers, with accessories and in varying lengths.

MEVA MAB working platform

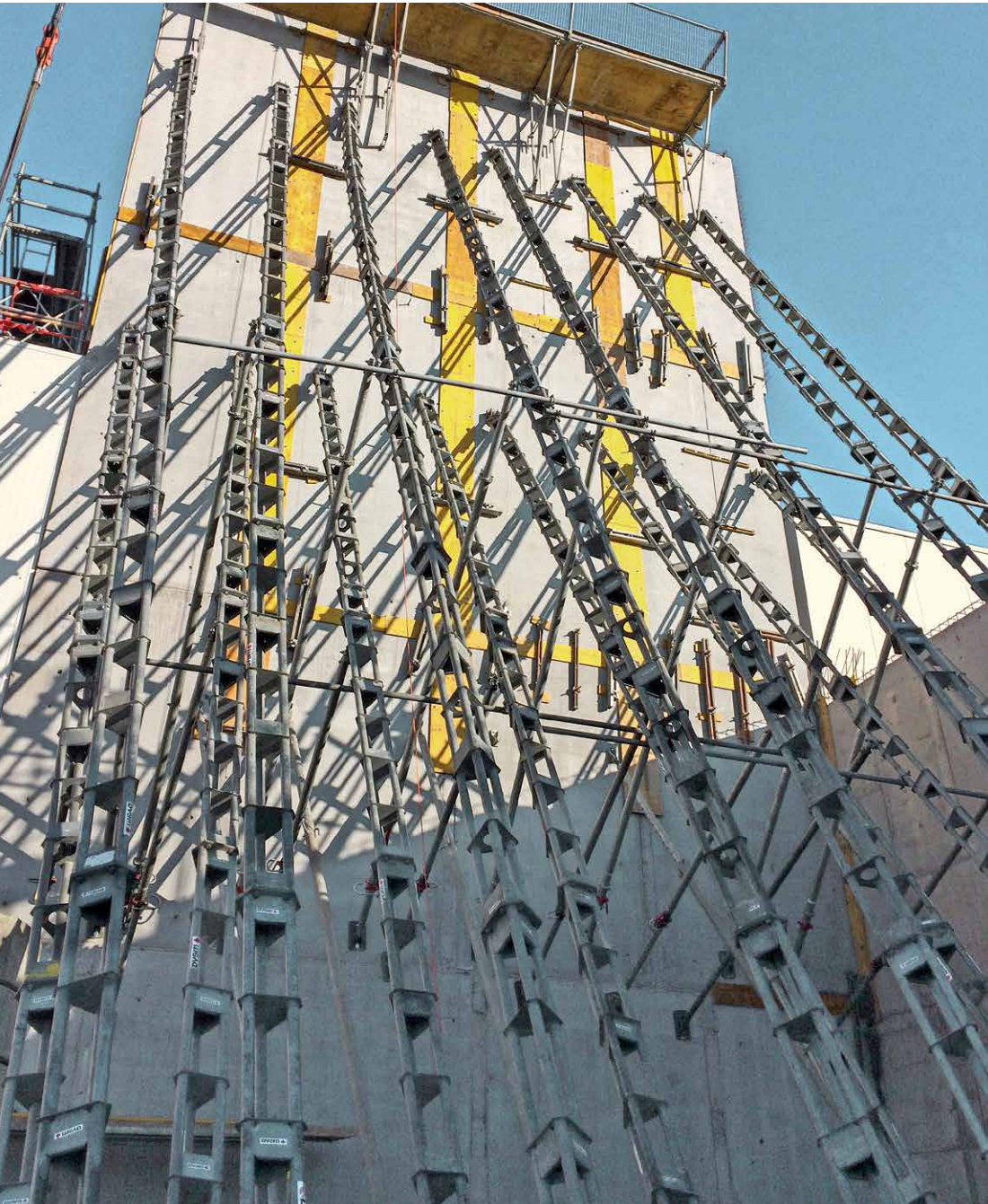
The MAB working platform can be folded flat for space-efficient storage and transportation. For installation, the base unit is simply opened out and the floor units inserted. The light-weight aluminium base frame can be assembled without tools and the guarding rail on the top platform safely mounted from the lower level so that side protection is already in place prior to initial access.

The platform floors are provided with access hatches to allow hazard-free internal vertical movement. Thanks to its small footprint and stable castors, the frame is easily manoeuvrable and passes through standard-size room doors. Extendable outriggers guarantee a safe footing on uneven ground.



Simply smart

- Hazard-free internal vertical access
- Straightforward assembly and site logistics
- High stability and flexible manoeuvrability



Strong and modular

Bracing systems

Flexible solution for heavy loads

High walls and formwork assemblies, heavy loads, exact positioning – all challenges that MEVA's robust bracing products are purpose-designed to meet. Their modularity and ease of use ensure great flexibility.

Triplex

The versatile Triplex heavy-duty brace system for tall wall and column formwork is also suitable for other horizontal and vertical bracing applications. The Triplex system consists of modules that are assembled on site to the required length. Standard units in 50/100/200/300 cm lengths are complemented by head and base spindle components with right/left-hand thread to facilitate fine adjustment.

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Simply smart

- Alignment and bracing of tall wall and column formwork assemblies
- Stable and robust for guaranteed safety at great heights and structural bracing of STB support frame
- Flexibly combinable
- Quickly deployed and cost-effective
- For inclined bracing along with various other horizontal and vertical applications

Push-pull props

The galvanised, tension- and compression-resistant push-pull props are used for the exact alignment and reliable bracing of wall formwork. Available with a variety of base plates and connectors, in different lengths and load capacities, the props are freely combinable to meet all demands.



A perfect finish every time

The alkus facing

Everything your all-plastic facings need for a long service life

A model of ingenuity, the alkus all-plastic facing – fitted as standard in MEVA's formwork systems – is easy to repair and, if properly applied and maintained, will deliver a high-quality concrete finish even after many years of heavy use.



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Simply smart

- Cost-effective facing repair
- Quick and easy to use
- All conveniently packed into one case
- Rapid redeployment of formwork panels



Repair kit

The alkus all-plastic facing is repairable with the same material. Surface damage, drill holes and scratches can be removed on site, thereby ensuring the continued achievement of a uniformly smooth concrete finish while saving time and money. The repair kit contains all tools and accessories needed for expert, on-the-spot facing repairs. Detailed guidelines are available explaining the exact procedure.

Release agents

MEVA offers release agents to meet diverse requirements. They are uniformly and sparingly applied with spray equipment as a cost-effective, resource-efficient, though no less reliable solution for protecting the form face. This results in low concrete adhesion during stripping, minimises the cleaning effort and guarantees top-class concrete surfaces.

- MevaTrenn Classic: universal release agent for all panels
- MevaTrenn Pro: ideal for fair-faced concrete and use in precast concrete plants
- MevaTrenn Eco: based on environmentally neutral ester oils, non-hazardous to water, certified by EU Ecolabel
- MevaTrenn Plus: solvent-free universal solution for all panels



Rotation cleaner

The cleaning effort needed for facings is further reduced by using rotation cleaners fitted with abrasive discs, cleaning grids and cleaning pads that simplify the removal of concrete and release agent residue. Even fine scratch marks and nail hole protrusions are evened out. This speeds up the redeployment of formwork panels while ensuring the consistent delivery of a uniform, homogeneous concrete finish.





Tailored storage

Nicely packed away

For a tidy site

Whatever needs storing – formwork panels, push-pull props, tie rods or other accessories – MEVA provides tailored stacking racks and storage boxes for all FormSet components.

Eco panel rack

Protected storage and safe transportation: the Eco panel rack is designed for 270 and 300 cm formwork panels. Depending on profile height, it can accommodate up to ten panels. The galvanised-steel Eco panel rack is fitted with crane eyes to facilitate transportation around the site.





Simply smart

- Robust racks and boxes with a long service life
- Safe storage and transportation of materials
- Sites tidier than ever



Pioneer and trendsetter

More with MEVA

Formwork. Simple. Smart.

A lot of things that are now considered to be standard in the formwork industry were developed by MEVA in Haiterbach. As a trendsetter for the entire industry, we work day in and day out with great élan to make formwork even safer, more efficient and easier to use for the end user. For us, the excellent quality of our products and technology is a matter of course.

We are independent, family-run and committed to the values of a medium-sized company in everything we do. That is why our customers may rightly expect not only technologically superior products but also comprehensive, personal commitment to projects all around the world.

Complex special formwork or economical standard formwork: Our experience and wide range of products make us a service partner with strong consulting skills, even for the sophisticated challenges construction professionals have to master nowadays.

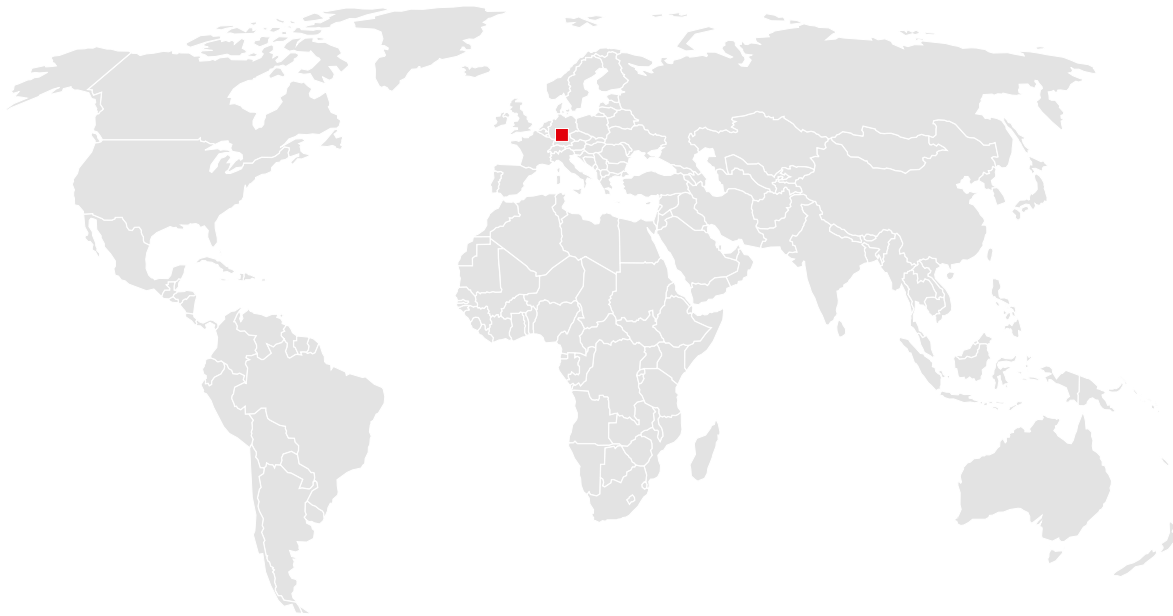
*Formwork.
Simple. Smart.*

▲ meva



You can rely on us wherever you are.

With 40 offices on 5 continents, we are
on the spot wherever you need us.



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