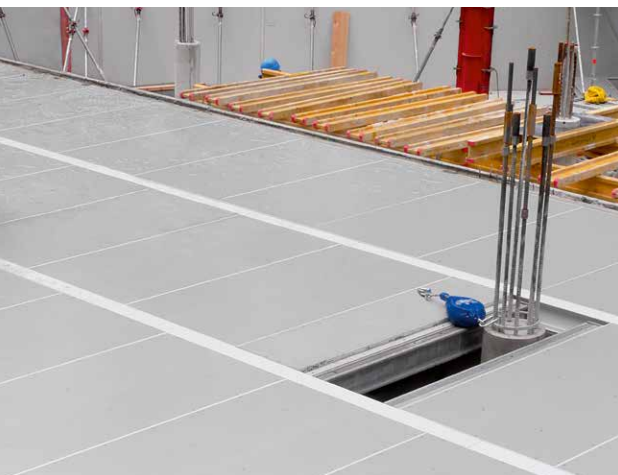




MevaDec and MevaFlex

Flexible and efficient
forming of slabs



MevaDec

The efficient and ergonomic slab formwork

The new generation

Lighter and more ergonomic: The new MevaDec generation convinces due to the low weight and ease of cleaning of all its components as well as its optimised handling properties – based on all the tried-and-tested MevaDec system advantages.

MevaDec is not bound to a rigid grid pattern, meaning that it can be flexibly adapted to suit any building layout and any slab thickness. Minimized filler areas allow it to be set up more quickly. In the process, the predefined prop spacing ensures safety and optimised material stock on the construction site.



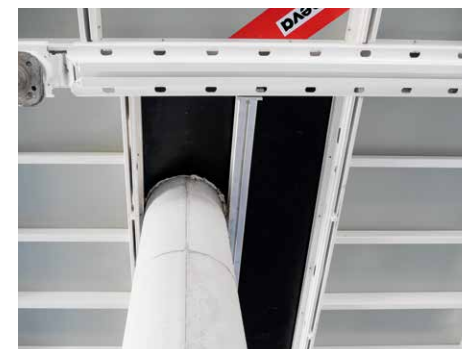


Simply smart

- **Size and weight**
 - Largest panel 160/160 cm
 - Weight-optimised system for ergonomic and thus efficient work
 - Standard panel 160/80 cm weighs only 16 kg/m² – almost all requirements can be covered with only one panel size
- **Safety due to prop spacing defined by the system**
- **One system – three slab-forming methods**
 - Drop-head-beam-panel method
 - Primary- and secondary-beam method
 - Panel method
- **Closed aluminium section**
 - Ergonomic grip profile
 - High-quality cured powder-coated finish for easy cleaning and reduced concrete adhesion
- **Sophisticated MEVA product design**
 - High-quality alkus all-plastic facing AL 10 with 7-year long-term warranty
 - Durable and easy to repair
- **Compatible with previous generation**



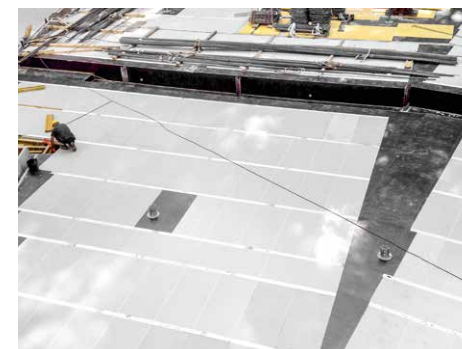
Robust, lightweight panels with grip openings to simplify handling.



Fewer compensations saves time. Even uneven slab edges can be solved with a minimum of filler areas.



The ergonomic grip profiles facilitate installation, also from below.



Fewer job-built solutions saves money. Trouble-free connections to conventionally formed areas.

MevaDec

One system – three slab-forming methods

Depending on the requirements, it is possible to switch freely between the methods – using the same connections and parts.



1 Drop-head-beam-panel method (FTE)

The FTE method uses only three components: panels, primary beams and props with drop heads. MevaDec is the flexible answer for almost all slab requirements in a single system, even for slab thicknesses of well over 30 cm. The system is independent of the grid pattern in one direction, and the free selection of the beam orientation reduces the number of compensations.

The panels can be freely inserted and slid into place, also passing over the drop heads, to ensure maximum flexibility and make MevaDec readily adaptable to any building geometry. The MevaDec drop head (lowers the primary beams and panels by 19 cm) makes early stripping possible, thus allowing optimised material stock on the construction site as well as rapid construction progress.

The beams and panels can be stripped effortlessly and used for the next pouring cycle. It is thus possible to complete a slab in three days.



2 Primary-and-secondary-beam method (HN)

The HN method uses only four components: primary beams, secondary beams, props with drop heads, and facings. This method thus enables the advantages of early stripping to be exploited. The system enables the loose facing to be freely selected:

- Shuttering panel 3S
- alkus all-plastic facing
- Other alternatives



Drop head with primary beams lowered by approx. 19 cm



Panel method (E)

The panel method (E) uses only two components: panels and props with prop heads.

This method is the ideal option for building layouts and filler areas involving small surface areas in conjunction with simple logistics.

Thanks to the clever design of the MevaDec prop head, the panels are automatically secured to prevent them coming loose and moving unintentionally.



MevaDec

Safety with system

All-round protection

The special MevaDec support for guard-railing posts is simply attached to the panel or beam. Edge protection, e.g. the MEVA safety mesh, can then be fitted to this.

Fall protection when working from above: MEVA SpanSet

Working on slab formwork from above saves both energy and assembly time. Here, the MEVA SpanSet provides a safe and proven fall protection solution. The horizontal safety line is attached to concrete fixtures with ring bolts on the MevaDec panels. Up to two workers can secure their personal protective equipment to the safety line while still enjoying an efficient working radius of some 190 m².

MAB: safe working at low heights

MEVA's MAB working platform guarantees easy and intuitive assembly. Comprising an aluminium frame with plywood inserts, the MAB system allows modular extension and provides for safe internal vertical access.

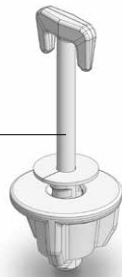


MevaDec

A system full of ideas

Material savings of up to 40%

Fewer props and the optimum use of system components makes MevaDec particularly efficient. The MevaDec drop head allows for optimised material stock on the construction site and rapid construction progress.



Panel connector
connects MevaDec panels to each other quickly and easily

	Panel width [cm]				Primary beam	Secondary beam	Compensation beam
	160	80	60	40			
Height [cm]					■		
270					■		
210					■		■
160	■	■	■	■	■	■	■
80		■	■	■	■	■	■
60							■
40							■

Ease of cleaning
and reduced concrete adhesion (through optimised profile cross-section)

Closed profile
for a high degree of stability and durability

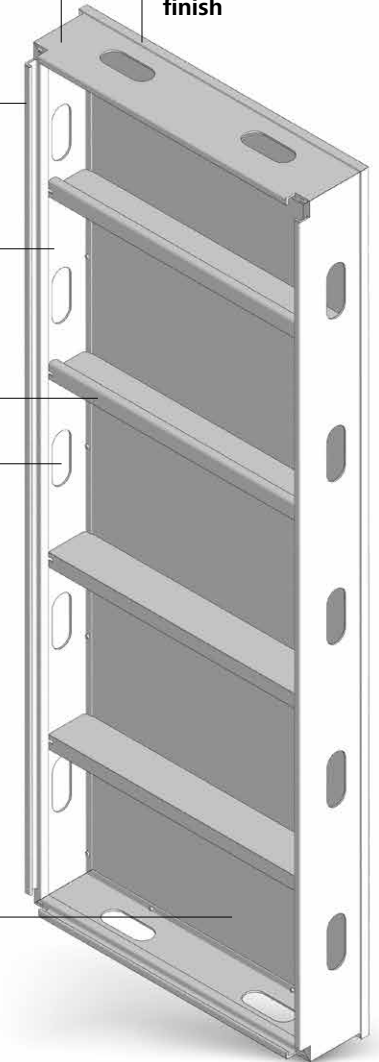
Light and ergonomic
due to weight-optimised aluminium sections

Ergonomic grip profile

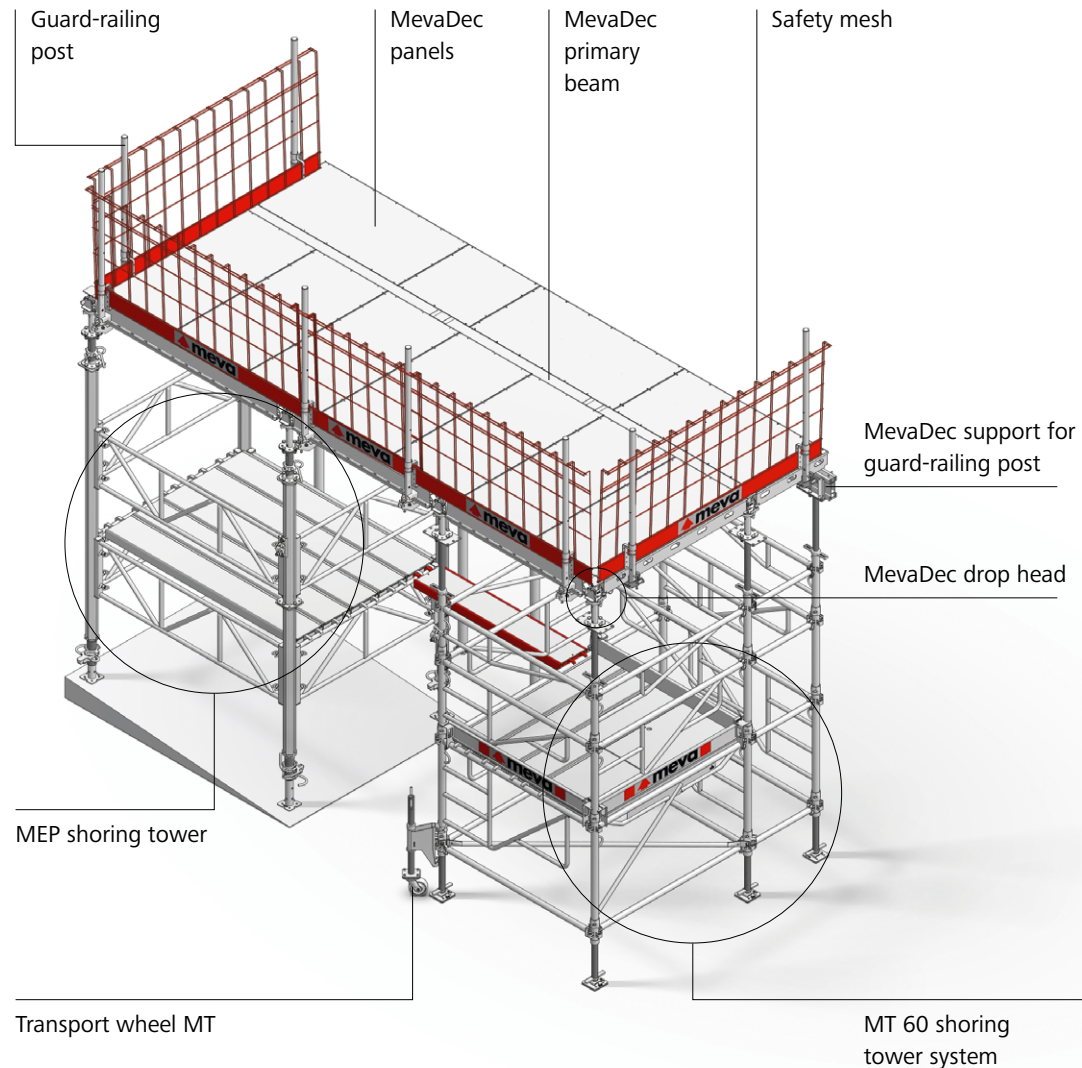
High-quality cured powder-coated finish



alkus all-plastic facing
The alkus facing does not absorb water. It doesn't swell or shrink. The rugged, smooth surface guarantees first-class quality of the concrete even after repeated use.

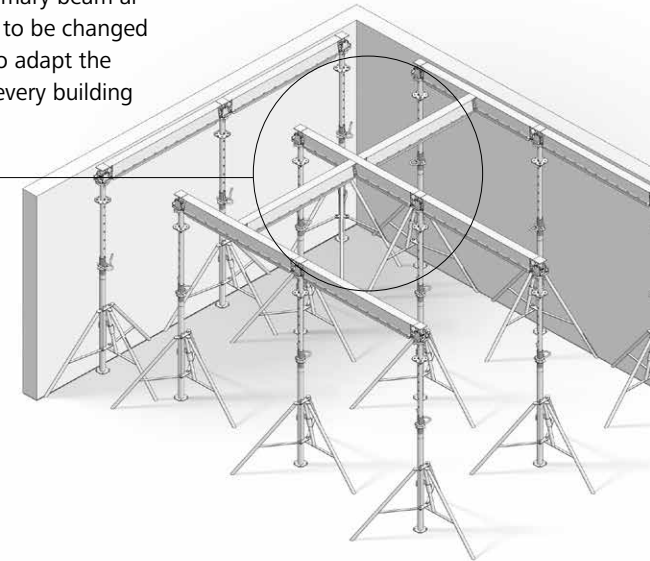


MevaDec design



Changing the direction of the primary beams

The system is independent of the grid pattern and the free selection of beam direction reduces filler areas. Mounting one primary beam in another primary beam allows the assembly direction to be changed flexibly, making it possible to adapt the formwork smoothly to suit every building geometry.



MevaDec's versatility is further underlined by a matching set of support and assembly options. These include:

- EuMax props, Class D and E, with a permissible load capacity (to DIN EN 1065) of 20 kN and 30 kN, irrespective of extension length;
- MEP shoring tower, for heights up to 21 m;
- MT 60 shoring tower, with 1.70 x 1.70 m footprint, ideal for FTE and HN methods.

With guard-railing posts, associated supports and safety mesh securely in place, there is nothing to inhibit safe working on the formwork.

MevaFlex

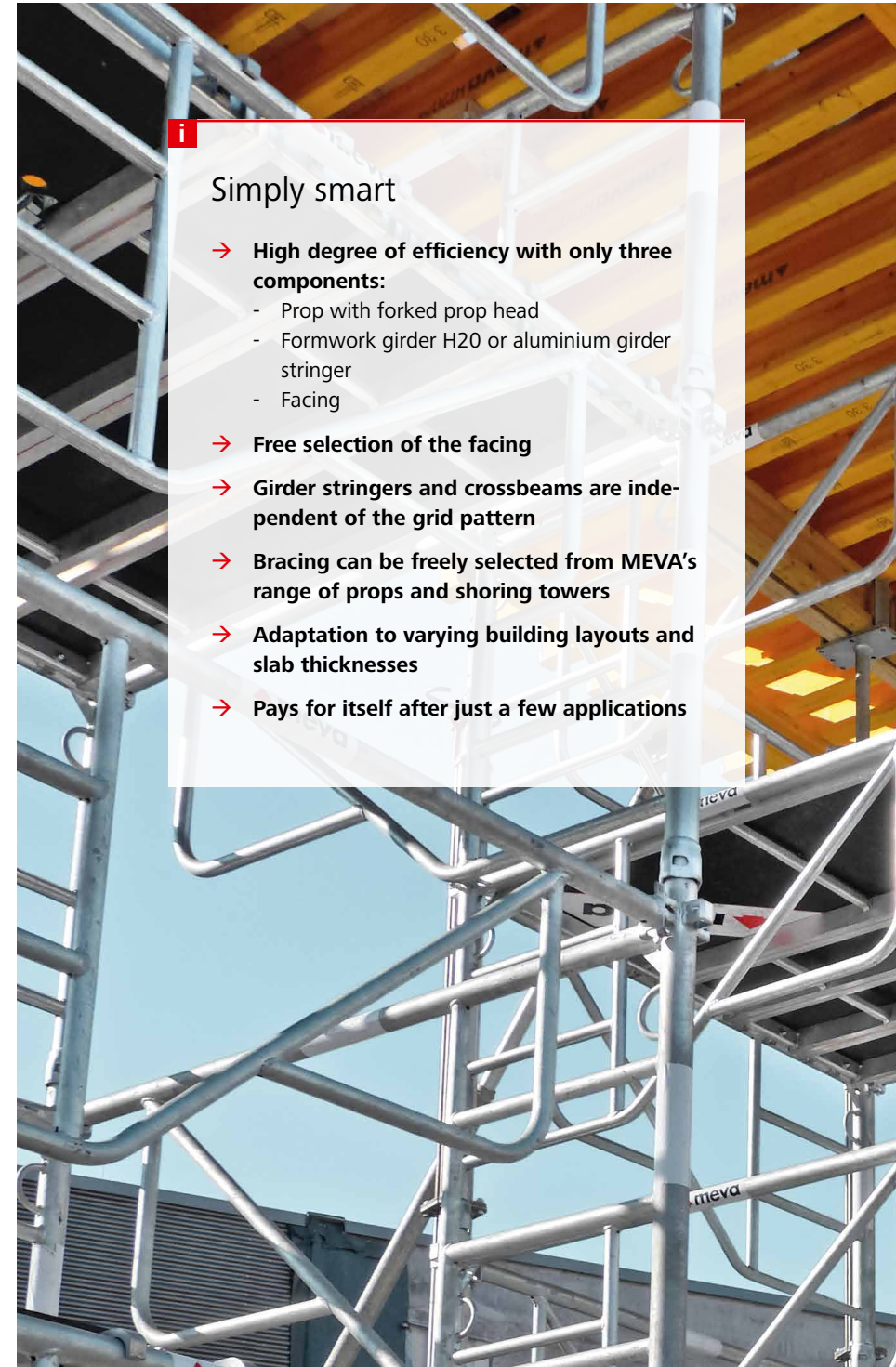
The conventional slab formwork

Economical and tried-and-tested

MevaFlex: conventional slab formwork with facings, crossbeams and girder stringers on props or shoring towers. Freely selectable facing: shuttering panel 3S, alkus all-plastic facing or other alternatives.

Flexible and cost-efficient

The positioning of the beams and props is not predefined and can thus be optimised in accordance with the slab thicknesses during the planning phase. This results in flexible fields of applications for varying building layouts as well as slab thicknesses.



Simply smart

- **High degree of efficiency with only three components:**
 - Prop with forked prop head
 - Formwork girder H20 or aluminium girder stringer
 - Facing
- **Free selection of the facing**
- **Girder stringers and crossbeams are independent of the grid pattern**
- **Bracing can be freely selected from MEVA's range of props and shoring towers**
- **Adaptation to varying building layouts and slab thicknesses**
- **Pays for itself after just a few applications**



Flexible even for large surface areas



MevaFlex is the ideal solution to support prefabricated slabs



Flexibly adaptable to suit every building geometry

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.

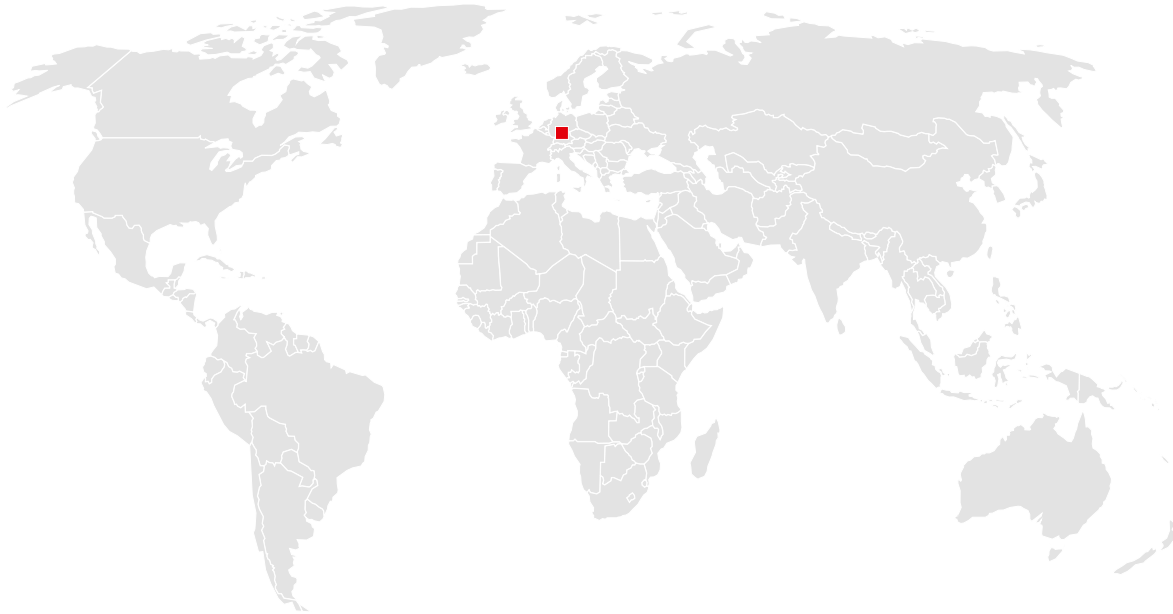
We are independent, family-run and committed to the values of a medium-sized company in everything we do. That is why our customers may rightly expect not only technologically superior products but also comprehensive, personal commitment to projects all around the world.

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.



You can rely on us wherever you are.

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



Headquarters (Germany)

MEVA Schalungs-Systeme GmbH
Industriestrasse 5
D-72221 Haiterbach
Tel. +49 7456 692-01
Fax +49 7456 692-66

info@meva.net
www.meva.net

Subsidiaries/international bases

A-Pfaffstätten	Tel. +43 2252 20900-0	LATAM	latam@meva.net
AUS-Adelaide	Tel. +61 8 82634377	MA-Casablanca	Tel. +212 684-602243
Benelux, Gouda	Tel. +31 182 570770	MAL-Perak	Tel. +60 12 5209337
BH-Riffa	Tel. +973 3322 4290	N-Oslo	Tel. +47 67 154200
CDN-Toronto	Tel. +1 416 8278714	PA-Panama City	Tel. +507 2372222
CH-Seon	Tel. +41 62 7697100	PH-Manila	Tel. +63 998 5416975
DK-Køge	Tel. +45 56 311855	QA-Doha	Tel. +974 4006 8485
F-Sarreguemines	Tel. +33 387 959938	SGP-Singapore	Tel. +65 67354459
GB-Tamworth	Tel. +44 1827 60217	UAE-Dubai	Tel. +971 4 8042200
H-Budapest	Tel. +36 1 2722222	USA-Springfield	Tel. +1 937 3280022
IND-Mumbai	Tel. +91 22 27563430		



MEVA Schalungs-Systeme GmbH

Industriestrasse 5 Tel. +49 7456 692-01
72221 Haiterbach Fax +49 7456 692-66
Germany info@meva.net

www.meva.net