AluStar
The Weight-Performance Champion
Best-in-class for weight-performance ratio

AluStar makes light work of heavy tasks

AluStar is MEVA's universal aluminium hand-set formwork range. Light and easy to handle, it is ideal for crane-free use and many other applications.

Stay flexible! As Alustar is 100% compatible with the StarTec steel multi-purpose formwork, it perfectly complements this system as well.
Simply smart

Lightweight AluStar at a glance

- **Low weight**
  - Max. 65 kg for largest panel (270 x 90 cm)

- **Capacity**
  - Permissible fresh concrete pressure (to DIN 18218) over entire surface of 60 kN/m² (DIN 18202, Tab. 3, Line 6)

- **Versatility**
  - Ideal for residential and commercial developments
  - Refurbishment projects

- **Closed hollow aluminium profile**
  - Ergonomic grip profile
  - Robust
  - High-grade powder-coated finish
  - Impact- and scratch-resistant surface
  - Easy to clean

- **Smart multifunctional profile**
  - Welded-in Dywidag nuts
  - All accessories, e.g. brackets, push-pull props and alignment rails, attached with MEVA flange screw

- **Tying for inclined or stepped-level formwork**
  - Tie hole with conical aluminium anchor sleeve, welded-in from both sides

- **Intelligent MEVA product design**
  - MEVA assembly lock for structurally continuous connection with only a few hammer blows
  - Cast-iron corners with integral bump notches for panel widths of 55 cm and more to simplify adjustment and alignment with crow bar
  - High-quality alkus all-plastic facing with 7-year warranty

- **Full compatibility with StarTec**
AluStar

A wall full of ideas

MEVA quality in every detail

MEVA systems excel through their supreme standards of quality, efficiency and practical detailing. And the smart, easy-to-use AluStar hand-set formwork is no exception. With standardised system components, a minimum of accessories and a closely tailored product range, it combines all the features that make MEVA systems the unbeatable solution for practical on-site operations.

- Fully compatible with StarTec
- Combinable with MEVA accessories

**Flange screw**
Single component for strong connection of all accessories

**Multi-function profile**
Made from closed hollow aluminium profiles with welded-in DW 15 nuts for rapid, structurally continuous connection of accessories

**Tie rod fixture**
For fixing to multi-purpose profile of upright or horizontal AluStar panels – for fast and safe transportation on site

**High-grade powder-coated finish**
Facilitates cleaning and reduces concrete adhesion

**Closed hollow profile**
For high stability and a long service life
Cast-iron corners with integral bump notches
Fitted at four corners for panel widths of 55 cm and more to simplify adjustment and alignment with crow bar

Tie hole
With conical anchor sleeve, welded in from both sides

Ergonomic grip profile
Stable, closed hollow aluminium profile

alkus all-plastic facing
No water absorption, resistant to swelling and shrinkage. Smooth, robust surface guarantees a high-quality concrete finish, even after heavy use.

AS assembly lock
Only one component needed for rapid, reliable panel connection: MEVA assembly lock. Allows single-handed fitting at any position along the frame. A few hammer blows suffice to achieve a strong, level and stepless panel connection.

Fully compatible with StarTec
Design with system

AluStar panels

Compact solution

With panel heights of 270, 135 and 90 cm, and panel widths ranging from 90 cm to 20 cm, AluStar is readily adaptable to specific layout geometries while simultaneously minimising filler areas. The lightweight panels, weighing a maximum of 65 kg, allow crane-free application.

All corner configurations are formed with standard corner panels. The system also includes hinged corners that are continuously adjustable between 60° and 180°.

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<th>75</th>
<th>55</th>
<th>50</th>
<th>49</th>
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With only two tie holes for 270 cm panel heights and a maximum panel weight of 65 kg, this weight-performance champion can accommodate fresh concrete pressures of 60 kN/m² over the entire surface.

IC  Inside corner, side length 25 cm
OC  Outside corner
HIC Hinged inside corner, side length 30 cm
HOC Hinged outside corner, side length 7.5 cm
FS  Filler strip
**Precision formwork**

**High flexibility**

**Versatile configuration**

AluStar offers an easily adaptable formwork solution thanks to its wide range of possible combinations. Height increments of 30 cm are achievable through the free connection of formwork panels in the upright or horizontal position.
AluStar and StarTec

Working in tandem to meet all your on-site needs

A real Star team

Together, AluStar and StarTec comprise a product family featuring crane-independent aluminium and large-format steel panels. The only component needed for their universal application is the assembly lock. No other adapters or connectors are required. Combined use of the two systems allows the efficient and flexible deployment of resources to meet all on-site demands.
Sophisticated ergonomics

Keeping everything in hand

Carefully thought through to the finest detail

AluStar’s ease of handling is a testament to MEVA’s intelligent product design and close collaboration with practitioners in the development and optimisation of its systems. Fast, crane-independent movement is no problem: the convenient grip profile ensures that the AluStar panels can be safely held and transported. They are also easy to position and precision-assemble at the required location. The larger panels are additionally fitted with bump notches that vastly simplify adjustment and alignment.

Cast-iron corners with integral bump notches

Fitted at four corners for panel widths of 55 cm and more to simplify adjustment and alignment with crow bar.

Stable and durable: the reinforced cast-iron corners significantly reduce the need for repairs.
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.