MEVA runs a separate production facility for special designs and is specialised on designing, developing and manufacturing custom-built formwork for extraordinary geometries.

Planning of special designs in 2D und 3D
- Visualising complicated shapes and forms
- Isometric views
- Assembly plans
- Pour cycle plans

Your single source for top solutions

MEVA portfolio: your benefits
- Precision in planning and production
- Custom-built solutions, static calculation
- Planning and budgeting support
- On-site support
- Team and site supervision
- Support for quotations and tenders
- Know-How and expertise (release agent, compacting, concrete pressure, finish and architectural designs)

Special designs and facing from single source
Special forms can be developed in steel, wood and combinations thereof.
- Steel designs on the basis of the Mammut frame profile
- Special custom-built system parts such as Mammut wall panels, MevaDec slab panels or Circo circular formwork
- Facing with plywood
- Wooden plank facing
- All-plastic sheets welded together as a facing or double-up facing sheet
- Steel custom built designs

Special formwork aluminium, steel
The combination of system and custom-built parts or modification of system parts often proves a more cost-effective solution when the formwork is used only 3 to 5 times. The MEVA clamp as a connection between custom-built and system parts is a time- and labour saving advantage, e.g. for
- Small series for corners on waterworks
- Special parts for slanted and rounded walls
- Special parts for slabs
- Rectangular and circular formwork
- Custom-built solutions in steel for tunnels
Special Designs

**designs with system parts, and alkus**

- **Facing portfolio**
  - System parts with 20 mm alkus facing
  - Steel facing
  - Wooden board or doubled-up moulds and stencils for special surface effects

The circular column formwork Circo provided the basis for custom-built forms to create slanted and rounded concrete shapes on the University of Economics and Business in Vienna 1, 2 and Holmfield bridge 3, 4.

Special formwork built in steel can optimise work flow. Even the Burj Khalifa in Dubai relied on 5 special MevaDec panels to achieve the asymmetric slab edge 5. Specially shaped column heads achieved cost-effectively and technically accurate using custom-built steel formwork 6 produced in small series. Photo 7 shows a special steel unit for window boxouts, saving labour and time on site. Photo 8 shows a special tunnel carriage for repeated pours.
Special Formwork Designs with Wood

Special formwork made of wood can be technically and economically feasible when used for between one and five pours without re-facing. This often applies to very complex geometric shapes. The focus is on feasibility, buildability, cost-effectiveness, work flow and the desired concrete finish. MEVA specialists support you in all questions as to logistics, handling on site, pour work flow, static calculations and safety.

Facing portfolio
- Laminated plywood (21 mm) as facing
- Laminated plywood (8 mm) as facing sheet on wooden substructure
- alkus GM 6 as facing sheet on wooden substructure
- alkus 20 mm functioning as load bearing facing
- Boxouts of all kind
- Facing inlays
The all-plastic facing alkus can be formed and bent, pre-shaped and welded together. Concrete designs and finishes of any shape and type can be realised in this way, from sharp-angled parts to gently curved walls all the way to large concrete surfaces without a single mark, joint or other imprint. The thin version of the alkus facing, the 6 mm GM panel, can be fitted onto a wooden structure almost like a carpet.

**Special Designs with the alkus Facing**

**Fields of application**
- High demands on concrete finish
- Specifications for constant, smooth and homogenous concrete surfaces
- Many and frequent re-uses or pours
- Pours in difficult weather conditions

**Portfolio**
- Panels welded together like steel
- Welded corners
- Sheets pre-bent and shaped on roller press
- alkus GM 6 laid on wooden substructure almost like a carpet
- Grinding and polishing the alkus surface for special effects
- Special decorative features milled onto the surface
Special Designs with All-Plastic Facing
Family owned and managed in the second generation, MEVA is based in Haiterbach in Germany’s Black Forest region. The formwork manufacturer is represented through 40 locations on 5 continents.

MEVA has been a pioneer and innovator in formwork since 1970. Many MEVA inventions have become standard in the industry: modular panelised formwork systems, the multifunction profile, the formwork clamp and the closed hollow profile. MEVA offers a comprehensive product range for every building project and any contractor from small to large, from foundation to high rise and from hand-set formwork all the way to fully automatic climbing systems.

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