Mammut XT

The flexible wall formwork system

meva
Variable tying with minimal effort

Large-area formwork has never been this flexible and easy to use

Mammut is the high-performance, economical solution for modular large-scale construction. With the new Mammut XT system MEVA is setting new standards and thus continuing its success story in the field of 100 kN/m² formwork. As a convincing solution on construction sites Mammut XT maximises cost effectiveness. Mammut XT – the formwork for building construction and civil engineering.

“I am convinced by tangible arguments: 30% less formwork time and significantly fewer components – this offers me clear efficiency advantages”
Everything you need

- **Size**
  - Up to 8.75 m² contact area per panel (350 x 250 cm)
  - For storey heights up to 350 cm without vertical extension

- **Capacity**
  - Permissible fresh concrete pressure (to DIN 18218) over entire surface of 100 kN/m² (DIN 18202, Tab. 3, Line 7)

- **Universal application in industrial construction and civil engineering**

- **Closed hollow steel frame profile**
  - Structurally robust
  - Torsion-proof
  - Hot-dip galvanised to facilitate cleaning and reduce concrete adhesion

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

- **Combination tie hole integrated into the formwork frame**
  - No assembly time for additional parts and accessories
  - No loose parts
  - Simple handling

- **Initial and final formwork are identical**

- **Intelligent MEVA product design**
  - MEVA assembly lock for a structurally continuous connection with only a few hammer blows
  - Bump notches for panel widths of 125 cm and more to simplify adjustment and alignment with crow bar
  - High-quality alkus all-plastic facing with 7-year warranty

- **Compatible with Mammut 350**
Enabled by the variable combination tie hole

One system – 3 tying methods

Choose the best tying method!

Every construction site is unique, and the formwork requirements vary from project to project. Mammut XT creates an ideal basis for this as the system ensures that you remain flexible and well equipped for every task. Thanks to the smart combination tie hole, it is possible to select between three tying methods with a flick of the wrist. Every panel can be used for both initial and final formwork without additional assembly work. This saves times and simplifies the logistics.

The system combines three tying methods.

With Mammut XT, there are no additional accessories that require complex and time-consuming assembly work.
2 Single-sided tying
with XT tie rod DW 20
and plastic tube

3 Two-sided tying
with tie rod DW 20
and plastic tube
**Completely integrated**

**The smart combination Mammut XT tie hole**

Ties with tapered anchor sleeves or with DW 20 threads – the combination tie hole makes them possible.

Using an internal body that can be positioned as required with the XT lever, the tying method can be changed easily with a flick of the wrist.

The combination tie hole is integrated into the frame, ensuring that no parts protrude. No installation and removal are required.
Small tool – huge impact

The XT lever

The XT lever is a universal formwork tool fitted with a karabiner that can be attached anywhere.

Depending on the tying method, the XT lever can be used in a wide variety of ways, e.g.
- To set the tying method in the combination tie hole
- To remove the XT sealing cone from the wall formwork panel
Mammut XT

A wall full of ideas

Typical Mammut – in every detail

As a result of systematic development work, Mammut XT sets new standards for simple and flexible large-scale formwork assembly. MEVA technology is a convincing solution - both as an overall system and in all its details.

- Securing options: all cross stiffeners are multi-function profiles
- Combinable with all MEVA accessories

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

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

**Combination tie hole**
with a rotating body for single-sided and two-sided tying (three tying methods)

**Closed hollow profile**
For high stability and a long service life

**Hot-dip galvanised frame**
Surface finish facilitates cleaning and reduces concrete adhesion

**Transport hole**
Designed to take the lifting hook 60 for rapid loading/unloading and movement of panel stacks

**Bump notch**
Fitted at four corners for panel widths of 125 cm and more to simplify adjustment and alignment with crow bar

M assembly lock
serves as a strong, level and stepless panel connection to the surrounding groove
Assembly lock holder
The MEVA assembly lock holders are integrated into the cross stiffeners of the Mammut XT panels with a width of 250 cm and 125 cm. This simplifies the construction site logistics.

Sealing cone
XT sealing cone for initial and final formwork when tying from one side.

Tie rod fixture
can be attached to the multi-function profile of the vertical or horizontal Mammut XT panel – for safe and rapid transport on the construction site.

Sealing plugs
available in three versions to close off unused tie holes in the XT panel.

alkus all-plastic facing
The alkus formwork facing does not absorb water, swell or shrink. The rugged, smooth surface guarantees first-class quality of the concrete even after repeated use.
Optimally combined for single-sided tying

**XT taper tie 20**

Wall thicknesses from 15 to 45 cm

The XT taper tie 20 is available in various lengths for different wall thicknesses:

- 15–25 cm
- 20–30 cm
- 35–45 cm

The wall thicknesses are adjusted in 1 cm steps using spacers. The desired wall thickness can be read off the spacers.

**XT tie rod DW 20**

Wall thicknesses up to 40 cm

The XT tie rod DW 20 is generally used for all other wall thicknesses up to 40 cm.

The wall thickness is determined by the length of the plastic tube.

Plastic tubes D23 are available in the corresponding lengths for wall thicknesses of 20, 25, 30 and 35 cm.
Easier to install

Installation with a spanner or an electric screwdriver

The XT tie rods can be installed and removed safely using a spanner or an electric screwdriver. Tying is made easier by using a stop or a floor marking.

SecuritBasic

Cost-effective all-in system

Modular safety

The safety system with a working platform is easy to install using a single component – the flange screw. A loadbearing capacity of up to 200 kg/m² guarantees start-to-finish safety throughout the assembly and concreting operations.
Always symmetrical

Uniform tie hole and joint pattern

Clean appearance

The Mammut XT panel dimensions and symmetrical internal tie holes result in a uniform tie hole and joint pattern for the highest architectural-concrete requirements. This applies to vertical, horizontal or a combination of vertical and horizontal formwork.
Perfectly coordinated

Optimum size matrix

Vertical, horizontal – perfect!

All Mammut XT panels can be combined vertically or horizontally, or height-extended. The ability to freely combine all panels vertically or horizontally allows for economical width and height extension in increments of 25 cm. Filler areas can also be formed quickly and easily using compensation panels.

Only 3 outside corners and 2 inside corners

Simple forming of corners

Everything you need

With only three outside corners (side lengths 0, 10 and 15 cm) and two inside corners (side lengths 35 and 40 cm), corners can be formed quickly and easily for all wall thicknesses in 5 cm increments.

Mammut XT inside corners allow costs and material savings to be achieved when tying from two sides: 90° corners can be formed quickly and reliably using 50 cm or 75 cm wide panels with frame tie holes.

<table>
<thead>
<tr>
<th>Mammut XT panel sizes</th>
<th>Widths [cm]</th>
<th>Compensation panel [Width in cm]</th>
<th>Filler [Width in cm]</th>
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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.
You can rely on us wherever you are.

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