



MBS+TBS

Universal Hydraulic Girder Formwork System for manufacturing parallel and saddleback roof girders

Formwork system with universal applications for manufacturing saddleback and parallel girders of the most varied designs with individual adjustment of both height and inclination. For girders with reinforced end supports, the upper and lower chords can be supplied with haunch modules in any raster length desired.

Can be OPENED and CLOSED in seconds at the press of a button on a hand-held transmitter. Automatic formwork locking without additional locking in the lower area.



Chord consoles with supported upper chord adjustable in height. No crane is necessary for any of the upper chord adjustment work! Positioning both height and inclination can be carried out by one man as the chord is able to be supported at just two points for the adjustment work. This means that it is possible to set both height and inclination freely.

Depending on type and preference, the actuating mechanism can either be supplied with lifting spindles (Type: TBS) in stationary formwork supports or with rack and pinion jacks or hydraulic cylinders (Type: MBS) in telescopic formwork supports. The rotatable chord consoles can be detached from the chord independently of one another and adjusted in height.

The upper chords are secured for the adjustment work but can run up and down freely in the chord consoles. No crane is necessary for any of the adjusting functions – no more of the usual worries about gantry crane “bottlenecks”! High-quality hydraulic cylinders are employed in opening and closing the formwork plant. Once closed, the formwork is automatically locked in place via the hydraulics. A built-in precision synchronous control unit ensures excellent synchronous and parallel performance for both formwork sides. A hand-held transmitter regulates the opening and closing function.



The lengths in this girder formwork system are manufactured according to demand. The standard production height is 2.0 m and upright heights of up to 3.5 m are possible according to need. Vibration equipment

- Electronically regulated frequency converter
- Vibrator groups control unit built into frequency converter.
- All control functions are carried out via a radio communication installation with multi-channel hand-held transmitters.

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