



MBA

An automatic mould system for manufacturing parallel and saddleback roof girders in varying heights and inclinations.

The "MBA" is a self-propelled formwork system in which two separated formwork sides on two tracks, to the right and left of the casting bed, can be processed independently of each other.

At an interval of between four and five hours, truss girders or other beam elements are produced one after another in a casting bed. The tension wires and reinforcement are placed already prepared on the passing formwork base plate.



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The formwork sides are removed from the concrete section as soon as the concrete has reached a corresponding level of stability. Upon completion, the formwork sides are transported to the next concreting position.

The tension wires, reinforcement and other parts are placed already prepared on the passing formwork base plate.



If a number of production lines are available, then it is possible to turn the MBA with special grippers and continue production in the same manner on the next line. The type of trusses and girders is completely irrelevant; the MBA can be set up in a universal manner for a very wide variety of truss girders, inclinations and dimensions and also can be set up with additional modules for the production of supports, downstand beams and purlins.

With this system, the production capacity may be increased by up to three-fold.

- Lengths may be combined into MODUL lengths according to requirements
- Standard formwork heights from 2.00 m to 2.80 m
- Width of the upper chord is infinitely variable
- Hydraulic drive unit
- Hydraulic clamping
- Automatic lower formwork clamping
- The vibrator is completely assembled and internally wired
- Electronically controllable frequency converter
- The vibrator group control unit is integrated into the frequency converter
- All control functions sent by multi-channel radio equipment – hand held transmitter



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