

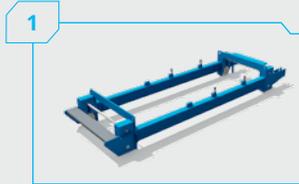
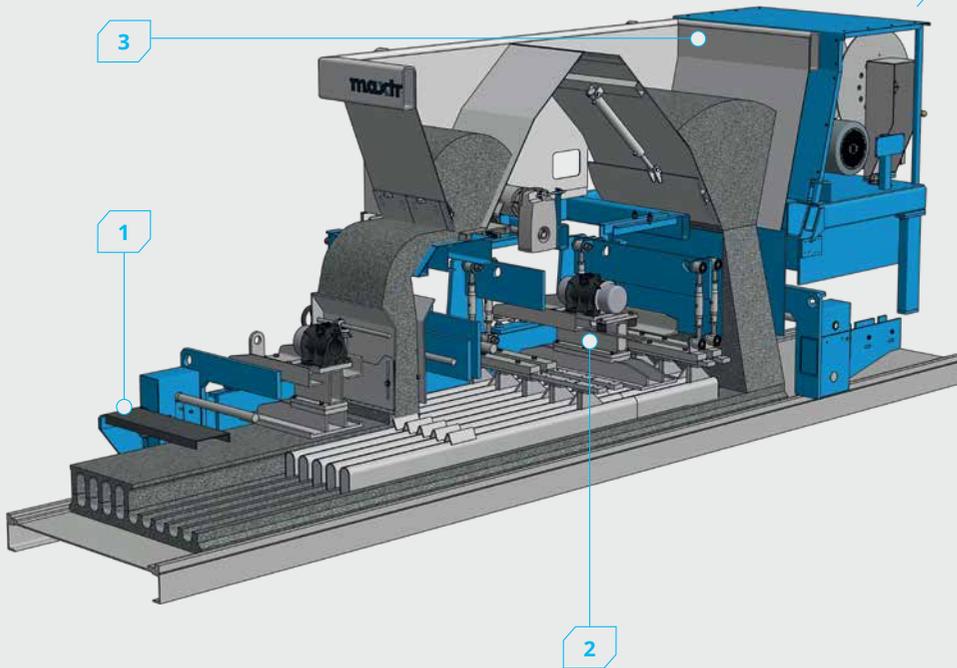
The logo for 'maxtruder' is positioned in the top right corner. It features the word 'maxtruder' in a bold, lowercase, sans-serif font. The 'x' is a light blue color, while the remaining letters are black. The background of the entire page is a repeating pattern of stylized, black and white industrial machinery components, such as gears, shafts, and structural frames, arranged in a grid-like fashion.

**maxtruder**

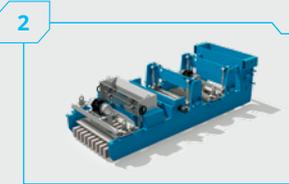
The logo for 'maxcaster' is centered on a white rectangular background. It features the word 'maxcaster' in a bold, lowercase, sans-serif font. The 'x' is a light blue color, while the remaining letters are black. The background of the entire page is a repeating pattern of stylized, black and white industrial machinery components, such as gears, shafts, and structural frames, arranged in a grid-like fashion.

**maxcaster**

## Modular system



**1**  
**Frame module**  
Torsion-resistant frame with powerful four-wheel drive, tool-free assembly of the universal supply module



**2**  
**Machine insert module**  
Quick-change machine unit with formworks depending on the product. Changeover time <10 mins. for minimum downtimes

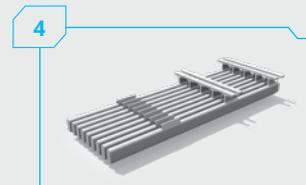


**3**  
**Supply module**  
The unit contains the powerful hydraulic system, the main control box, the power supply and the one-, two- or three-phase concrete hopper

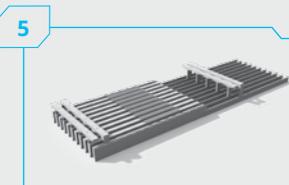
The maxcaster produces a wide variety of precast concrete parts using the continuous casting process. Concrete is formed into the desired shape in up to three stages. We use a powerful combination of ramming, high-frequency and normal-frequency vibrators for concrete compaction. This allows the use of a very dry, earth-moist concrete with a low water/cement ratio. The result is a low cement requirement of around 320-400 kg/m<sup>3</sup> of concrete. The end products thus achieve a compressive strength of up to 75 MPa and can usually be cut after less than eight hours of curing time.

**High-density concrete. Minimal cement consumption. Maximum productivity.**

### Optional units



**4**  
**Core tube and formwork module**  
Complete module for quick replacement in the machine insert



**5**  
**Formwork set module**  
Individual modules for combination in the formwork cassette



**6**  
**Smoothing module**  
Electromechanical smoothing module for automatic smoothing of hollow, solid and wall panels

**<10 mins.**  
Changeover time

**<8 hrs.**  
min. curing time

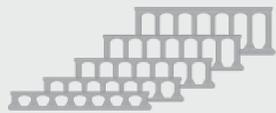
# maxcaster

## Maximum flexibility and accuracy in every application

### The most versatile technology.

We have continuously improved the slip forming machine technology over the past few decades. It is the perfect solution for producing many different prestressed concrete products with just one machine, such as prestressed hollow core slabs, solid slabs, T-beams, lintels, foundation piles, vineyard posts, TT slabs, ribbed plates and plenty more. After a changeover time of less than 10 minutes, the machine insert module is exchanged and another product is manufactured. The modular machine concept allows the production of all commercially available prestressed concrete elements up to 240 cm wide and up to 50 cm high.

### Possible applications



#### Hollow core slabs

- Solid and hollow core floor slabs, wall panels
- 7 to 50 cm thick and 30 to 240 cm wide
- Void ratio up to over 50%



#### Beams, lintels, foundation piles

- Fence posts 4.5 x 4.5 cm
- Foundation piles up to 45 x 45 cm
- Lintels, vineyard posts...



#### T-beam and I-beam

- Inverted T-beams and I-beams
- Simultaneous production of up to twelve beams
- Production speed up to 3.5 m/min.



#### TT slabs and ribbed slabs

- TT slabs, solid or insulated U channels
- Ribbed plates and V elements
- Sound-absorbing wall elements

### Main benefits



#### Maximum flexibility

- Largest product variety of prestressed concrete elements
- Multi-level modular system
- Conversion < 10 minutes



#### User-friendly

- Easy to operate, easy-to-understand machine concept
- Fast, simple cleaning through easy module separation
- Particularly robust and durable



#### Maximum product quality

- Oscillating formwork system for the highest quality of concrete products
- Powerful compaction with concrete strength up to 75 MPa and perfect stressing wire adhesion
- Dimensional perfect end products with ready to paint soffit



maxcaster  
Product video

# Quality and efficiency

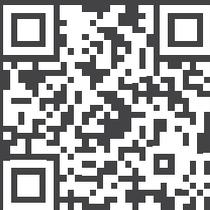
We combine both.

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