

maxtruder

**Precast**  
**your future.**

**70**  
YEARS

# Explore your precast future.

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**To the**  
download area

# Everything can be improved.



MAX-truder head office Magdeburg, Germany

**Everything can be improved or be done in a completely new way.** Our product solutions break new ground. Your production will become more efficient and reliable as a result of our developments. We supply you with equipment for high-quality manufacturing processes.

We have many years of experience in the production of prestressed concrete. Based on this, we listen carefully to our customers and take on board their suggestions with the aim of developing **innovative and even better solutions**. Our team is characterised by wide-ranging design and engineering expertise combined with a progressive attitude. This leads to ideas and solutions that make production processes not only faster and more efficient but also **more sustainable**.

Our cutting-edge ideas and solutions are based on over 70 years of company tradition, with around 450 plants for prestressed concrete elements delivered to customers all over the world. Today, the MAX-truder name stands for **the highest quality, recognised worldwide** and trusted by our customers in their daily work. Thanks to our international network of trading partners, we are active in all major markets.

We are a trusted partner to our customers and highly experienced in the manufacture, operation and maintenance of machinery for the precast concrete industry. From spare parts supply to the identification of optimal operating procedures for resource-saving production, our **extensive practical experience** and ongoing support meet the most diverse individual needs of our customers.

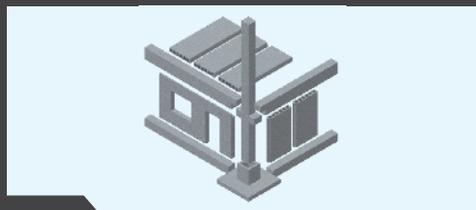
All our products and services are always designed with usability in mind and tailored to the **requirements of our customers**. By using our state-of-the-art equipment, we enable short-, medium- and long-term efficiency gains, which means we can offer **significant production cost advantages**. All this clearly demonstrates the cost-effectiveness of using our plants.

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# Experience is our foundation



**Intelligent**  
precast technology

**Competent**  
sales partners



PERFORMANCE

**Scalable modular**  
precast concrete plants

FLEXIBLE



**High-quality & reliable**  
products Made in Germany

## for reliable innovations.

**Since 1954**  
Development to meet your expectations

**Social and corporate**  
responsibility as an employer with perspective



TRUST



**MAX-truder GmbH**  
on the internet

**>450**  
successfully completed  
projects worldwide

# maxelements

**Precast foundation piles** — 11

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# maxelements

## Precast concrete elements



### It only depends on what you make of it.

Concrete is a recyclable artificial stone made from natural raw materials. Construction with concrete is sustainable thanks to the long life of buildings made from it. The thermal mass of concrete is very beneficial for energy-efficient temperature management in buildings. Concrete does not burn, so it is ideal for first-class fire protection in buildings. Reinforced concrete is highly load bearing and highly resilient, ideally suited for earthquake proof, storm and tempest resistant slim structures.

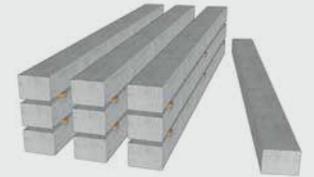
Precast concrete is synonymous for cost-efficient construction through the application of industrial processes in construction. This results in significantly shortened construction time, enormous savings in material and working time, and at the same time extraordinarily high building quality with reduced construction costs. There are almost no limits for architectural design. Whether for highly individual or mass-produced buildings.

## Precast foundation piles

### Foundation piles made of zero slump concrete Solid or hollowcore

#### Advantages

- Extremely high concrete strength and particularly low cement demand
- Lower reinforcement content and very rapid curing
- Significantly reduced risk of cracking during lifting and excellent resistance to fracture
- Longer and slimmer constructions with fewer couplers
- Prestressed with / without additional reinforcement



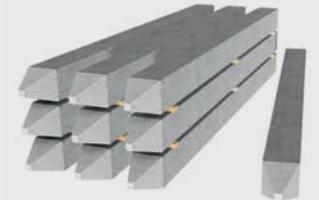
#### Production with:

**maxcaster > P. 34**

### Foundation piles made of wetcast concrete Solid

#### Advantages

- Relatively low investment in formwork systems
- Prestressed or only reinforced
- Versions with and without pike tip



#### Production with:

**maxform > P. 54**  
**Long line production mould**



### Precast foundation piles

Product video

# Precast flooring systems

## Hollowcore slabs

### Advantages

- Savings in concrete, reinforcing steel, construction time, CO2
- Slimmer dimensioning of the supporting structure thanks to lightweight flooring system
- Large spans without assembly support
- Underside smooth as formwork, ready for painting



### Production with:

- [maxtruder > P. 30](#)
- [maxcaster > P. 34](#)

## Prestressed T-Beams

### Advantages

- Larger spans and higher life load by prestressing
- Lower dead weight than solid flooring
- Installation possible even without site crane



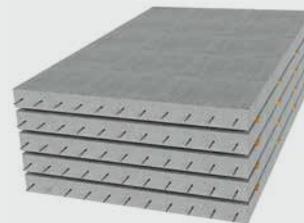
### Production with:

- [maxcaster > P. 34](#)

## Prestressed solid slabs

### Advantages

- Savings on reinforcing steel and construction time
- Large clear spans
- High dead weight for special sound insulation measures
- Underside smooth, ready for painting ex works



### Production with:

- [maxcaster > P. 34](#)

## Reinforced solid slabs / Balcony elements

### Advantages

- Hardly any limits to geometric requirements for building components
- Fast construction progress due to prefabricated slab system
- Complete with all installation parts ex works
- Underside smooth as formwork, ready for painting ex works



### Production with:

- [maxform > P. 56](#)
- [Battery mould](#)

## Half slabs

### Advantages

- Less formwork required than for slabs made purely from in-situ concrete
- Load-bearing capacity after hardening of the additional concrete
- Moderate spans
- Underside smooth, ready for painting ex works
- Complete with all installation parts ex works



### Production with:

- [maxform > P. 56](#)
- [Long line production mould](#)



[Discover flooring systems](#)  
on the internet

## Columns

### Advantages

- Reduced assembly effort
- Fast construction progress
- Uninterrupted supports over several stories possible
- Simple support of other components such as girders, trusses, etc. via brackets



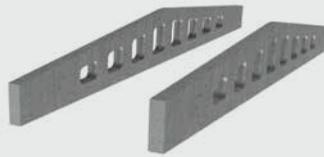
### Production with:

**maxform > P. 54**  
**maxtension > P. 42**

## Girders

### Advantages

- Reduced assembly efforts
- Fast construction progress
- Large spans
- Slimmer design by prestressing
- Higher load capacity by prestressing



### Production with:

**maxform > P. 54**  
**maxtension > P. 42**

## Beams

### Advantages

- Reduced assembly efforts
- Fast construction progress
- Large spans and high loadbearing capacity
- Slimmer design by prestressing
- Higher load capacity by prestressing



### Production with:

**maxform > P. 54, P. 56**  
**maxtension > P. 42**

## Stairs

### Advantages

- Reduced manufacturing and assembly effort
- Faster construction progress and optimized construction process
- Immediately accessible after installation
- Usable as site staircase during construction phase



### Production with:

**maxform > P. 52**



Discover precast structural elements on the internet

## Solid walls

### Advantages

- Faster construction progress
- Complete with built-in parts and piping
- Exposed concrete quality
- Easy and quick assembly
- Ready for painting or wallpapering ex works



Production with:  
**maxform > P. 56**  
**Battery mould**

## Sandwich and core insulated walls

### Advantages

- Faster construction progress
- Excellent thermal insulation
- Complete with built-in parts and piping
- Exposed concrete quality
- Easy and quick assembly
- Ready for painting or wallpapering ex works

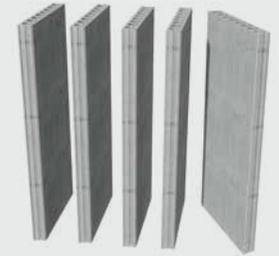


Production with:  
**maxform > P. 56**  
**Battery mould**

## Hollowcore walls

### Advantages

- Material saving without relevant losses in strength
- Prestressed / reinforced / without reinforcement
- Made of normal, lightweight or fibre concrete
- Various widths and thicknesses
- Various side profiles



Production with:  
**maxtruder > P. 30**  
**maxcaster > P. 34**

## Double walls / Element walls

### Advantages

- With all installation parts
- Core insulated or without insulation
- Formwork smooth appearance on both sides
- Faster construction progress than complete in-situ concrete
- Concrete filling on site after element placing
- Load bearing after curing of the filling concrete



Production with:  
**maxform > P. 56**

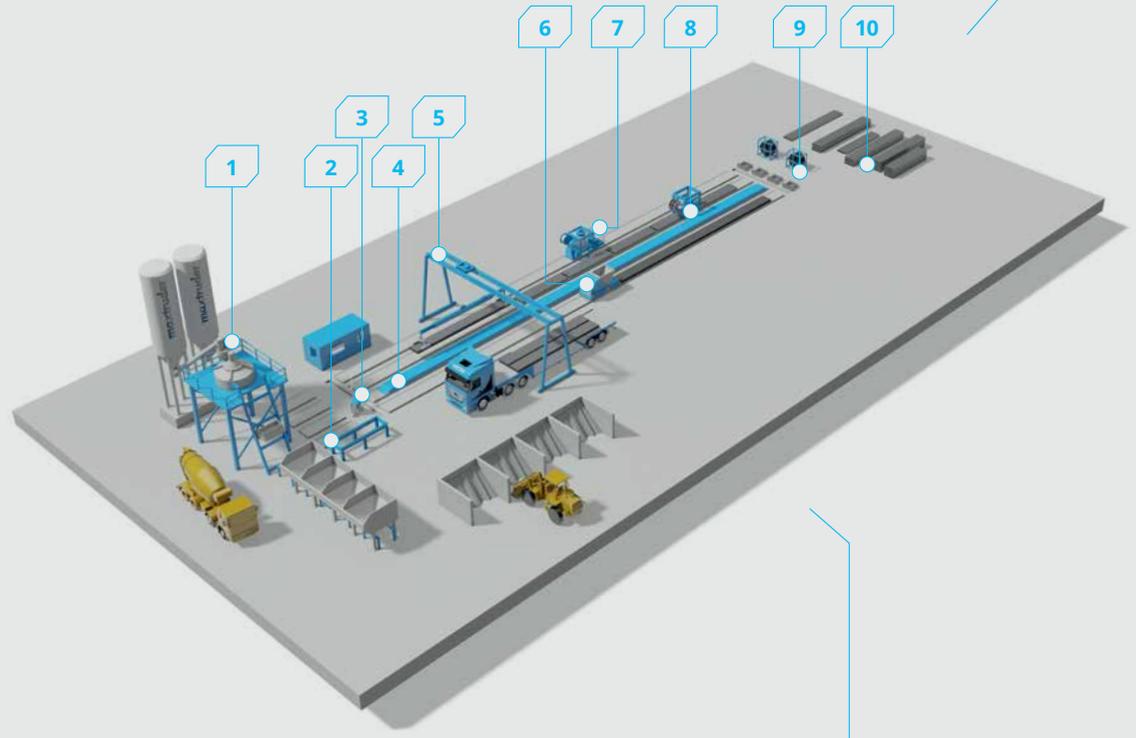


Discover wall systems  
on the internet

# maxplants

**maxmobile** — 20

**maxstationary** — 24



## Typical modules of a plant

Concrete batching plant



Service platform



Stressing equipment



Production beds



Gantry crane



maxtruder / maxcaster



maxclean



maxcut



Stressing wire reel



Storage area



## Production plant in numbers

Theoretical capacity	144-576 m <sup>2</sup> /day   43,200-172,800 m <sup>2</sup> /year
Production area	2,000 m <sup>2</sup>
Site area	3,500 m <sup>2</sup>
Number of casting beds	1 - 4
Time until first production	4 weeks

# maxmobile

## Targeted entry into the precast concrete industry

### With a low initial investment and maximum flexibility.

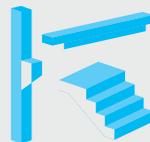
A mobile modular and scalable precast concrete plant creates completely new possibilities for the on-site production of high-quality precast concrete parts. The advantages in the offer calculation for large projects are also interesting. A mobile plant enables you to offer high-quality precast concrete parts with the utmost flexibility and minimal transport costs. The fact that the plant is location-independent gives you a clear competitive advantage in project tenders – even without investing in a suitable plot of land for on-site production.

### Typical products



#### Wall systems

speedy construction progress



#### Structural parts

resource-saving



#### Flooring systems

lightweight and load bearing



#### Foundation piles

economical and sturdy

### Main benefits



#### Cost-effective production

- Low initial investment in production equipment and property
- Just-in-time production and shortest supply chain
- Savings in raw material and labour time



#### Maximum flexibility

- Particularly fast installation and commissioning
- Rapid relocation of the production plant to another site
- Wide range of modules for flexible production of various prestressed/slackly reinforced components



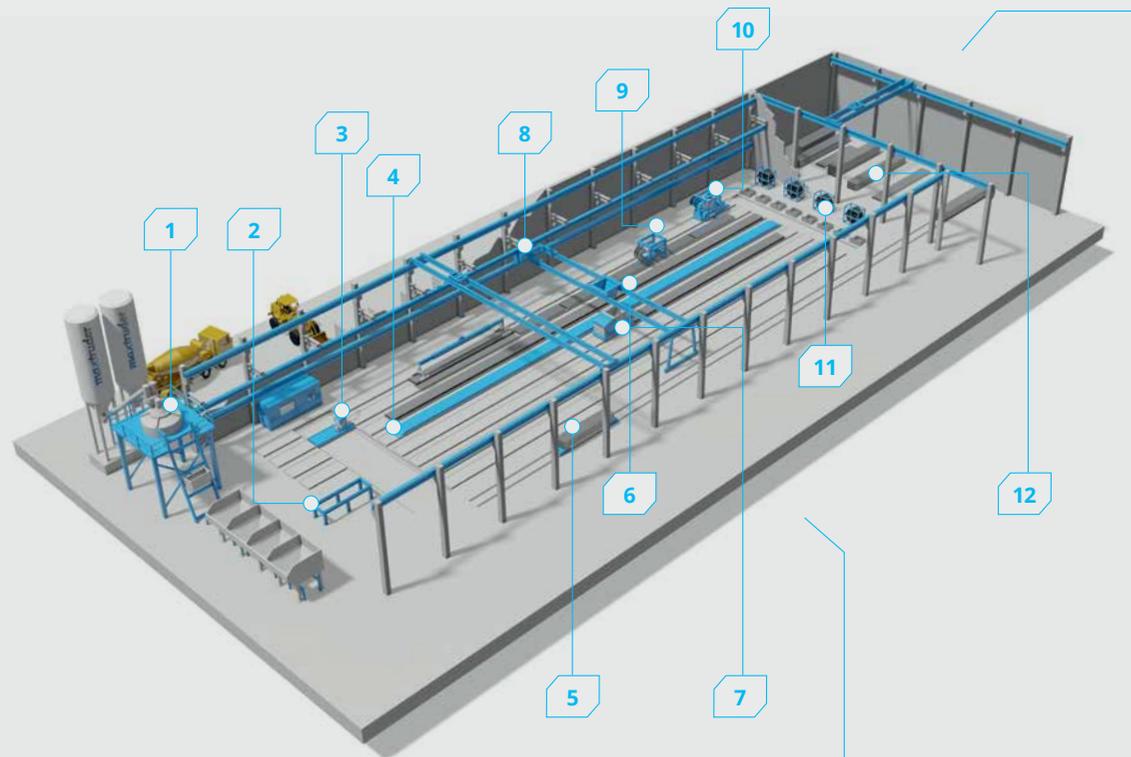
#### High-quality end products

- Efficient industrial processes guarantee the constant high quality of the precast concrete parts
- Casting bed production with the highest level of compaction for concrete strengths up to 90 MPa and perfect stressing wire adhesion
- Concrete products with precise dimensions, ready for painting ex works

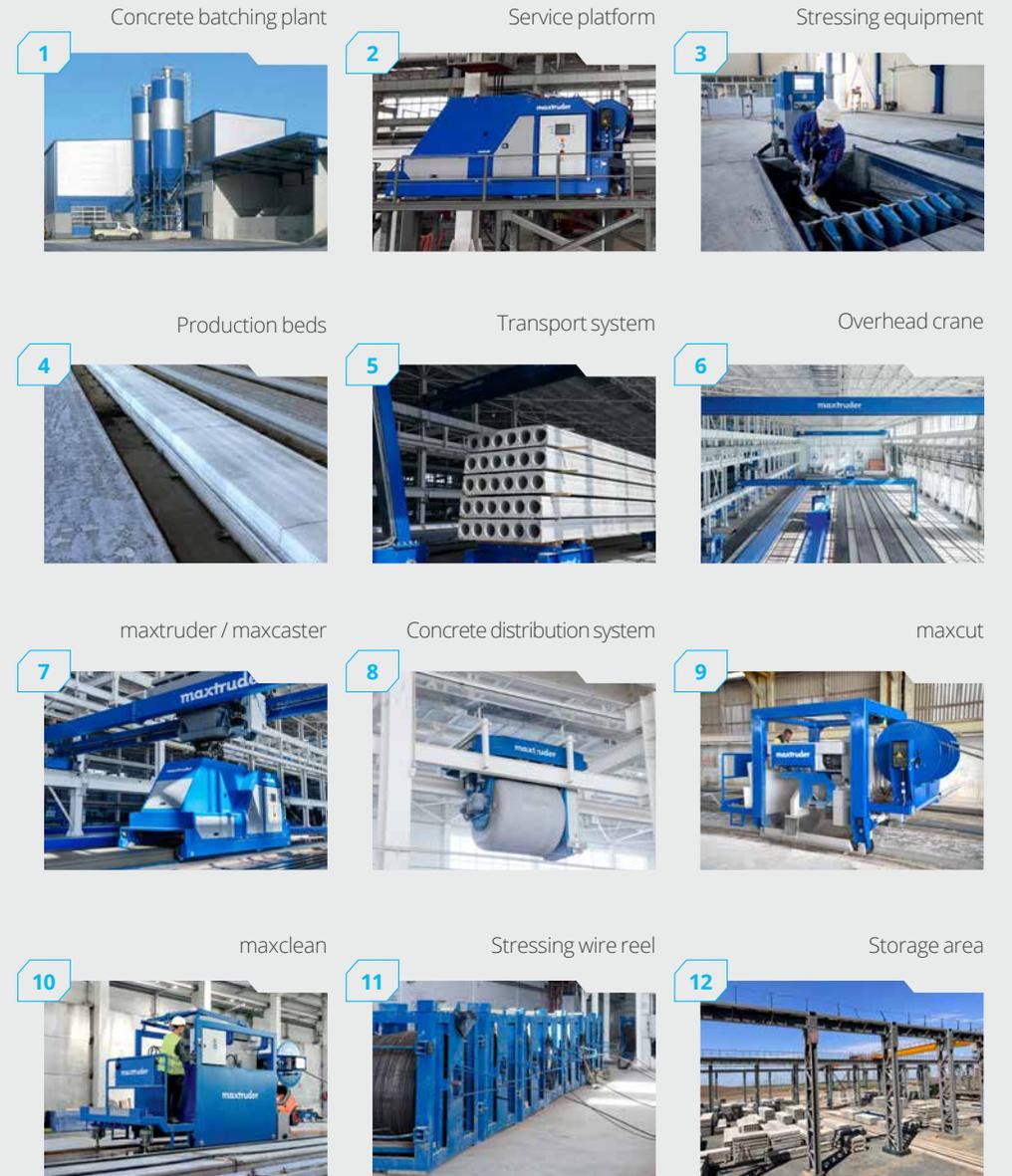


**maxmobile**

in the download area



## Typical modules of a plant



## Production plant in numbers

Theoretical capacity	288 – 1,150 m <sup>2</sup> /day   86,400 – 354,000 m <sup>2</sup> /year (Single-shift operation)
	576 – 2,300 m <sup>2</sup> /day   172,800 – 690,000 m <sup>2</sup> /year (Double-shift operation)
Production area	3,500 m <sup>2</sup>
Site area	7,000 m <sup>2</sup>
Number of casting beds	1 – 8

# maxstationary

## Maximum performance with minimum operational costs

### Short-term return on investment.

The modular and scalable stationary production technology guarantees optimized precast element production with maximum output. Low operational costs and high-quality end products enable a short-term return on investment. Our modular system allows simple conversions, retrofits and upgrades, such as in capacity, product range and degree of automation. From the concrete batching plant to the transport of concrete to the production machine, a highly automated precast plant avoids human errors. Applied industrial processes guarantee highly efficient production. The enormous savings in cement and the minimal water consumption of our hollowcore slab production modules enable further efficiency increases in two-shift operation.

### Typical products



#### Wall systems

speedy construction progress



#### Structural parts

resource-saving



#### Flooring systems

lightweight and load bearing



#### Foundation piles

economical and sturdy

### Main benefits



#### Economical production

- Modular setup: Initial investment, productivity and return on investment made to measure
- Capacity scalable, degree of automation and product range expandable
- Extremely reliable, wear-resistant components, reduced production costs



#### Maximum productivity

- Automation scalable to measure for increased productivity and reduction of labour costs
- Casting bed production with shortest curing time allows daily double occupancy
- Optimised plant configuration and process modelling



#### High-quality end products

- Efficient industrial processes guarantee the consistently high quality of the precast concrete parts
- Casting bed production with the highest level of compaction for concrete strengths up to 90 MPa and perfect stressing wire adhesion
- Concrete products with precise dimensions, ready for painting ex works



maxstationary

Product video

# maxmachines

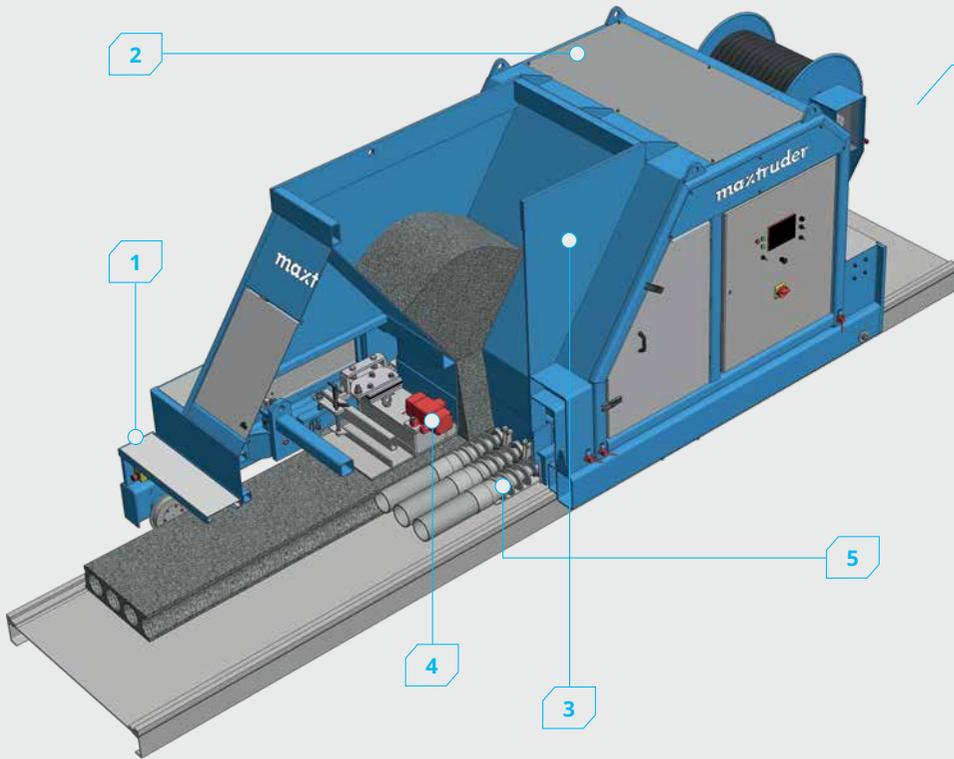
**maxtruder** — 30

**maxcaster** — 34

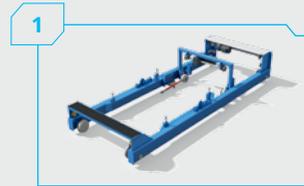
**maxcut** — 38

**maxtension** — 42

**maxclean** — 46



## Modular system



**1**  
**Frame module**  
Rigid frame with powerful traction drive and tool-free assembly of concrete silo and power unit



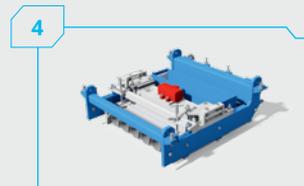
**2**  
**Power unit module**  
Exchangeable power unit with optimised system for the production of 10 - 12 cm or 15 - 40 cm thick prestressed concrete elements



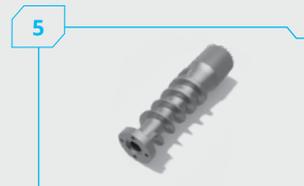
**3**  
**Concrete silo module**  
Large concrete silo with enough capacity for continuous production

Rotating compaction screws press the concrete into the desired shape supported by the dual vibration system, which combines normal and high frequency. The particularly wear-resistant materials and reliable mechanics enable production speeds of up to 2.4 m/min depending on the product type.

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



**4**  
**Compaction unit module**  
Quick-change compaction unit according to product type, changeover time < 15 mins.



**5**  
**Optimised screw geometry**  
- Reduced wear and tear  
- Higher compaction energy  
- Faster production speed

**< 6 hrs.**  
min. curing time

## Efficient, flexible and high-performing



**Particularly efficient**  
Triple compaction extruder for the strongest slabs, perfect wire adhesion, minimum overbending, formwork smooth underside and shortest curing time



**Strongest slabs**  
Triple compaction system for maximum concrete strength. Quadruple overload on an incompletely cured hollowcore slab, only twelve hours after casting: no disrupting



**Maximum capacity**  
Shortest curing time enables double-shift operation, just-in-time production, highest efficiency and minimum product provision time



**maxtruder**  
Quick unit change

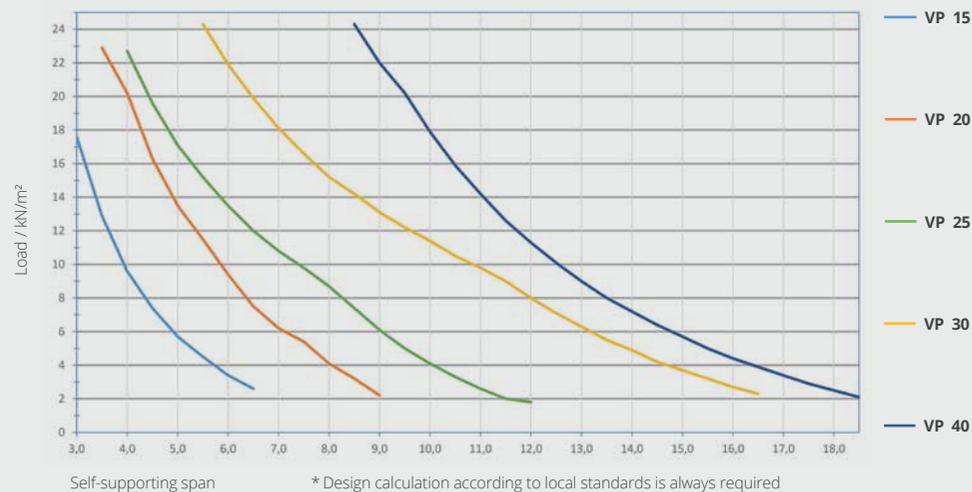
# maxtruder

## Strongest hollowcore slabs. For floors, ceilings and wall elements

### Innovative extruder technology coupled with intelligent control and reliable mechanics for the production of prestressed hollowcore floor slabs and wall panels.

Thanks to its modular design, the maxtruder is more flexible than ever. For slab widths from 30 to 240 cm and slab thicknesses from 10 to 40 cm. The triple compaction system produces maximum concrete compaction, resulting in the highest load-bearing capacity and minimum overbending of the slabs on the market.

### Load table for MAX-truder hollowcore slabs by Euro Code \*



## Main benefits



### Cost-efficient production

- Minimum cement requirement, no concrete additives
- Particularly short curing time allows double casting bed usage on a daily basis
- Minimum set-up time – maximum productivity



### User-friendly

- Intuitive machine operation on the large industrial touch screen
- Fast, simple cleaning through easy module separation
- Individually adjustable force and speed of the compacting screws



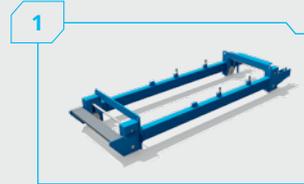
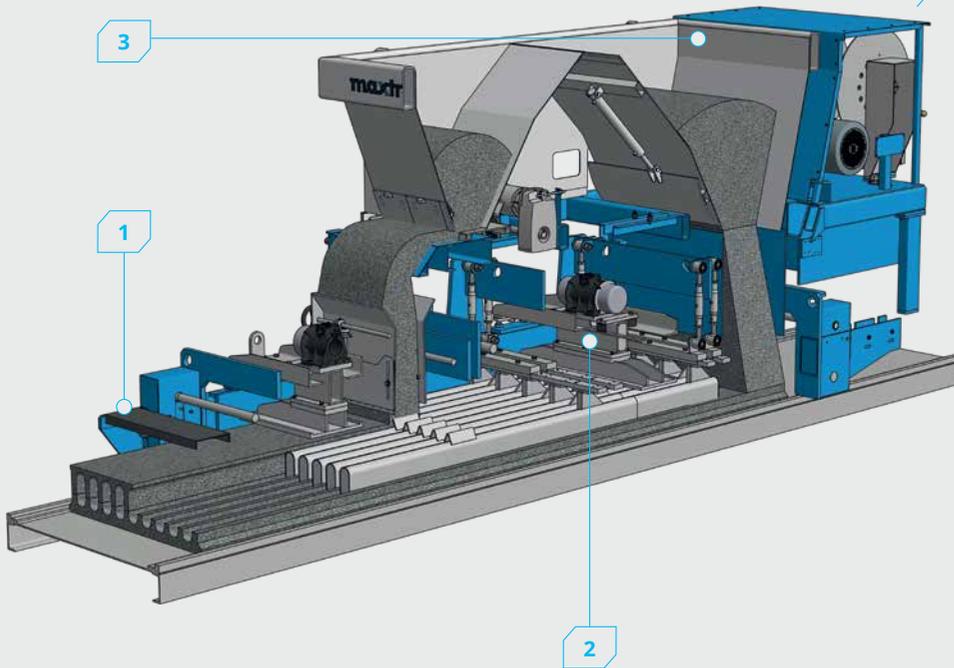
### Highest hollowcore slab quality

- Efficient triple compaction system for constantly superior hollowcore slab quality
- Most powerful compaction with concrete strength up to 90 MPa and perfect tension wire adhesion
- Dimensional perfect end products with ready to paint soffit

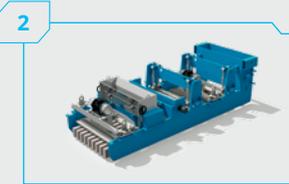


maxtruder  
Product video

## 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

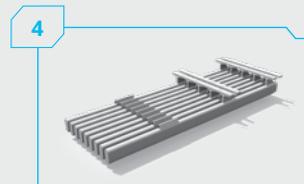


**3**  
**Supply module**  
The unit contains the powerful hydraulic system, the main control box, the power supply and the one-, two- or three-phase concrete hopper

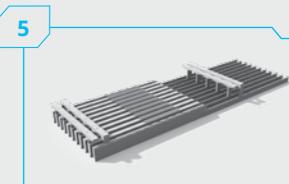
The maxcaster produces a wide variety of precast concrete parts using the continuous casting process. Concrete is formed into the desired shape in up to three stages. We use a powerful combination of ramming, high-frequency and normal-frequency vibrators for concrete compaction. This allows the use of 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

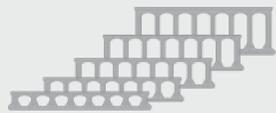
# maxcaster

## 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 hollowcore 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



#### Hollowcore slabs

- Solid and hollowcore 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-Beams and I-Beams

- 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

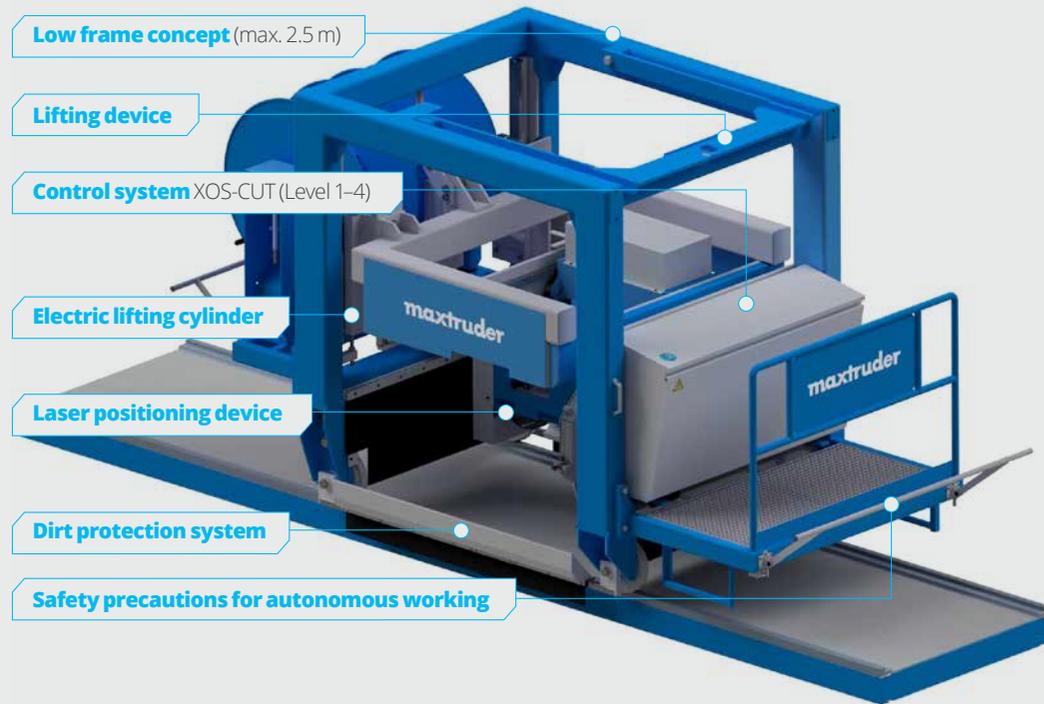
- Oscillating formwork system for the highest quality of concrete products
- Powerful compaction with concrete strength up to 75 MPa and perfect stressing wire adhesion
- Dimensional perfect end products with ready to paint soffit



**maxcaster**  
Product video

# maxcut

## The saw that adapts to the job



### maxcut angle

- **Frame module:** Front loader and portal
- **Cutting module:** Straight cut and angular/longitudinal cuts
- **Autonomous cutting module:** For fully autonomous cutting of entire casting beds
- **Wire extraction module:** To lay out stressing wires
- **Plotter module:** To mark the concrete products
- **Communication module:** Wireless connection to higher-level production control systems

### Work with the most precise concrete saws on the market.

Configurable as desired thanks to modular design. And easy to convert at a later stage. Angular, transverse and longitudinal cut. For product thicknesses up to 50 cm. The fastest saw on the market thanks to intelligent control.

The particularly user-friendly XOS-CUT control system handles all functions of the saw. Empty paths are eliminated and the cut is optimised up to the maximum speed. In line with the mechanics, the control system consists of combinable modules, including a plotter module up to modules for fully autonomous cutting of entire casting beds with the highest precision.

This results in extended saw blade service life and lower costs. We consider user-friendliness and extreme robustness to be an integral part of our products. Our saws cut prestressed concrete parts directly on the casting bed. For part thicknesses up to 500 mm and widths up to 2,400 mm.



## 20 % faster

Automatic cutting solution



## 90 secs.

Fast cutting



## 4 Levels

Automation variants



maxcut angle  
Product video

# maxcut

## Additional saw variants



### maxcut tsf

#### maxcut tsf

The maxcut tsf straight-cut saw cuts prestressed concrete elements manually or semi-automatically. Up to 42 cm product thickness. It has a particularly compact design, so it can be integrated easily into existing plants. It is characterised by precise saw blade guidance and its particularly powerful cutting drive. The operator moves the saw to the cutting position and controls the cut manually.

#### maxcut tsx

The maxcut tsx straight-cut saw is specially designed for small cutting capacities and product thicknesses up to 22 cm. The particularly simple operation allows any straight cuts at right angle to the production bed. The operator moves the saw to the cutting position and controls the cut manually.

### Main benefits



#### User-friendly

- Simple, user-friendly handling for precision cutting
- Manual, semi-automatic or automatic control system
- Particularly low maintenance machine design



#### Cost-efficient

- Short cycle times per cut from 60 to 120 seconds
- Minimum operating costs, particularly long saw blade service life
- Easy integration into existing plants



maxcut tsf

Product video

# maxtension

## Prestressing of precast concrete elements

### Our solution variants for tensioning strands or single wires:

- maxtension smart single-wire tensioning system
- maxtension classic single-wire tensioning system
- maxtension group tensioning system

### Typical application examples Faultless prestressing and post-tensioning



# 30–300 kN

Several stressing jacks can be connected



### Proven many times: maxtension classic

Stressing wires are first evenly pre-tensioned. In a second work step, the operator stretches the wires to the target tension. The stressing lengths and forces are then recorded manually and documented and evaluated in the stressing protocol.



## maxtension classic



maxtension classic

Product video

# maxtension

## A milestone for quality assurance

### Accurate with safety: maxtension smart

The single wire tensioning system is used for the automated, intelligent, fast, safe and precise tensioning of all single wires to the required stressing forces in one go. As often a mixed tensioning of the strands occurs, several stressing jacks can be connected and used at the same time. The advantage here is that the tensioning process is as well as the documentation is carried out in one step.

- Continuous stressing process without initial pre-tensioning, immediate clear evaluation
- Highest precision through robust sensor technology and intelligent software
- Error-free and tamper-proof data recording and backup
- Data transmission from/to higher-level systems
- Several stressing jacks can be connected, automatic recognition of the stressing jack

Fastest error-free prestressing and post-tensioning. Import of tensioning data including tensioning graphics directly from your design or production management. Graphic instruction to the operator on which wire to tension. Fully automatic measurement of stressing forces, lengths and pressures during each stressing operation. Immediate clear evaluation. Alarm in case of faulty tensioning process. Fully automatic creation and storage of tamper-proof stressing protocols. Data transfer to quality assurance, PPS and ERP programme.



maxtension smart



### Main benefits of maxtension smart



**57 %**  
Time saving

Uninterrupted tensioning process with immediate data recording and analysis



**99 %**  
Precision

High-resolution, redundant measuring systems combined with intelligent control



**100 %**  
Quality assurance

Error-free and clear data recording, automatic backup, Wi-Fi interface



maxtension smart  
Product video



**maxclean 4:1**

**1,000 l**  
Dirt container capacity

**The ultimate solution.** All preparation work with only one machine.



**4 in 1**  
Multitasking

Cleaning, aspirating dirt, oiling  
and pulling out stressing wire

Clean casting beds. Environmentally friendly, economical and precisely dosed release agent. Efficiently laid out stressing wires. All this with just one machine. For quick and easy execution of these otherwise labour-intensive preparations with only minimal effort.

**The cost-effective solution.**



**3 in 1**  
Multitasking

Cleaning, oiling, pulling out  
stressing wire

**maxclean 3:1**



# maxclean

## Beat the dust and clean professionally

### maxclean 4:1

The maxclean 4:1 is the ultimate solution for preparing the production bed. Three brushes clean the casting bed surface and rails, the powerful suction collects all residues from the last production in just one step. Even dust is removed. In a second step, the stressing wires can be pulled out. The casting bed surface can be sprayed with a release agent evenly, sparingly and in an environmentally friendly manner.

### maxclean 3:1

The maxclean 3:1 is the cost-effective solution for cleaning and preparing the production bed. After cleaning the casting bed surface and rails by brushes, the dirt is picked up manually at the end of the casting bed and disposed of. In a second step, all the stressing wires can be pulled out. The casting bed surface can be sprayed with a release agent evenly, sparingly and in an environmentally friendly manner.

## Main benefits



### Time saving through minimal effort

Cleaning, removing dirt, oiling and extracting the stressing wires in one operation



### Powerful, efficient and without residues

Optimum cleaning of the casting bed



### High sustainability and gentle use of release agent

Environmentally conscious and economical oiling of the casting bed surface



**maxclean 4:1**  
Product video

# maxform

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# maxform

## Stair moulds



### Fixed or adjustable version.

For a wide variety of straight stair elements. Smooth formwork finish on five sides due to vertical production.

#### Stair mould:

- Five-sided exposed concrete surface
- Various widths and lengths
- Extendable with landing attachments
- Additional steps
- Hydraulically and / or manually adjustable

## Main benefits



### Step adjustment

Fast and precise synchronous adjustment of all steps for perfect geometry as well as for accurate overall dimensions of the stair unit. Maximum flexibility.



### Interchangeable step edge

Perfect surface and appearance for all applications, e.g. rectangular for tiles, bevelled for carpets, rounded or with undercut for fair faced concrete.



### Durable steel construction with height-adjustable rear wall

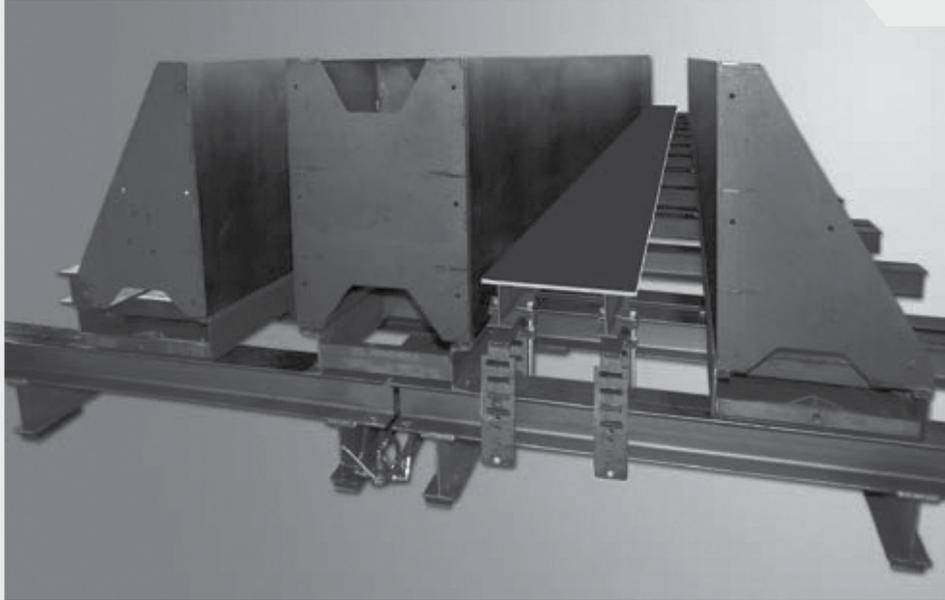
The staircase is cast vertically, standing on the side section, which results in a smooth formwork surface on five sides.



Stair moulds  
on the internet

# maxform

## Element formworks



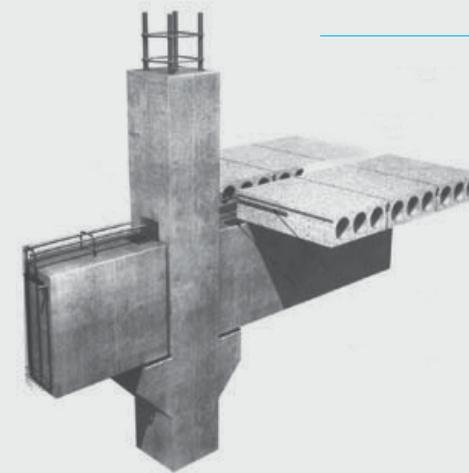
### The system is modular for perfect flexibility.

Both the centre and side frames are fully adjustable. For the production of slantly reinforced or prestressed concrete elements with a maximum width / height of 80 cm and various lengths. Cantilevers can be casted with corbel box modules for brackets. The bar type element formwork consists of a central formwork frame and two adjustable side formwork frames, which are installed on a rigid production platform. The side frames are equipped with rollers for easy movement. Simple installation of the corbel box modules for brackets. Depending on the application, all frames as well as the floor can be covered with wooden or steel formwork elements.

## Main benefits

### The element formwork consists of:

- Stiff, load-bearing production platform made of sectional steel, cross and transverse connectors, on vibration-reducing feet
- Floor chassis, height-adjustable as an option, to be covered with steel or timber formwork elements
- Adjustable side formwork frames made of bend-resistant steel profiles, perforated for fastening steel or timber formwork elements
- Optional hydraulic opening and closing system for rapid demoulding
- Modular central formwork frames made of sectional steel, optionally perforated for fixing steel or timber formwork elements
- Corbel box modules for brackets to cast cantilevers available as an option
- Mono or multifrequency vibrator system available as an option



## Application examples



Element formworks  
on the internet

# maxform

## Tilting tables



### Stationary production of flat precast concrete elements.

Precast concrete construction means cost-efficient building. Flat elements are produced in the precast plant complete with built-in parts and assembled on the construction site. Labour and material together with the construction time are significantly reduced. Suitable for the production of solid wall, floor and ceiling panels, sandwich panels, road panels and a variety of structural and non-structural components. Our tilting tables are developed, manufactured and delivered by our parent company B.T. innovation GmbH.

## Main benefits

### Tilting tables:

- Tilting tables lined up in a row can be completed with concrete spreader, compactor and cleaner to form a production line
- Foldable formwork elements available for standard door and window recesses
- Heavy-duty tilting device
- Mono and multifrequency vibration systems available
- Integrated heating pipes and heating systems available to reduce curing time
- Height-adjustable side formwork available, e.g. 100–300 mm or 200–400 mm



**Standard heights  
for fixed side formwork:**  
100 / 200 / 300 / 400 / 500 mm

**Standard height adjustable and  
foldable side formwork:**  
100–300 mm / 200–400 mm



**Tilting tables**  
on the internet

**maxservice** — 60

# maxservice

## Advice and support



### Individual and needs-oriented.

Since more than 70 years, our customers can rely on our machines and plant technology. Regular inspections and maintenance of your machines and systems are key factors for efficient production and consistently high product quality. Our reliable service with individual, needs-oriented assistance accompanies our customers throughout the entire machine life cycle, for lasting and sustainable success. Our globally active service team is at your side quickly and whenever necessary.



**Tobias Stumpf** Your personal service manager



### Maintenance and inspection

With MAX-truder maintenance concepts, preventive checks are carried out on the functions of the machines and equipment as well as on the machine settings, and suitable preventive measures are determined. Through our MAX-truder remote maintenance system and our qualified service technicians, we offer rapid service at short notice, reducing costs and waiting times to a minimum.



### Repairs and spare parts

MAX-truder original spare parts are perfectly aligned with our machines and systems and guarantee their optimum performance. Even short downtimes of your production plant can cost time and money. That is why our customers have been relying on original parts for decades. With our extensive stockpiling and efficient logistics, we ensure your spare parts supply.



### Retrofit and general overhaul

With goals such as increasing production efficiency, product quality and/or reducing operating costs, your plant and its components can be upgraded through targeted measures. We analyse the current condition of your plant, compare it with your expectations and work out a tailor-made concept for the optimisation and modernisation of your plant.

# **Additional modules — 64**

**For your tailor made plant**

# Additional modules

Concrete batching plant



Concrete shuttle



Transport system



Stressing wire reel



Concrete distributor



Concrete transport bucket



Crane



Service platform



Stressing stands



Production beds



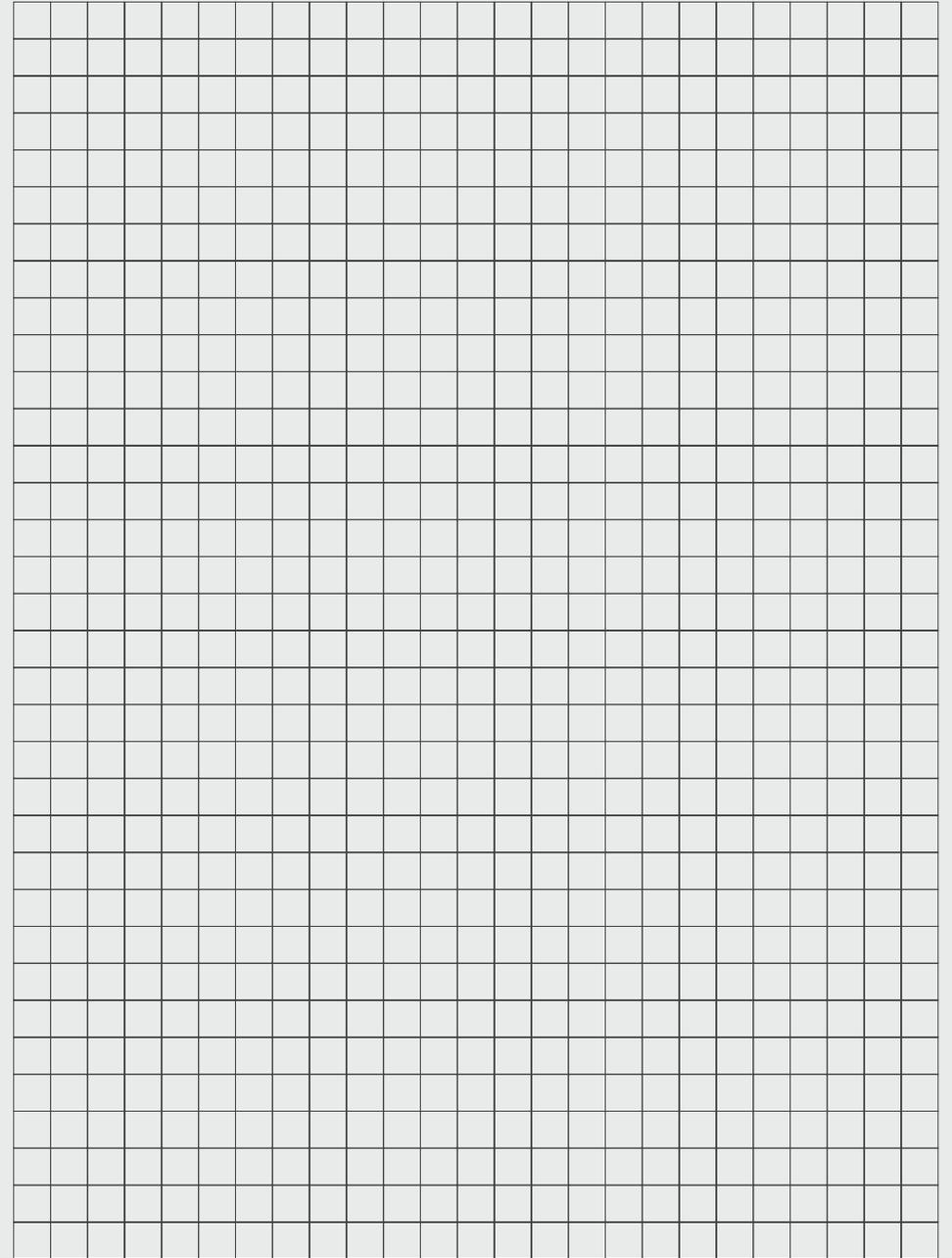
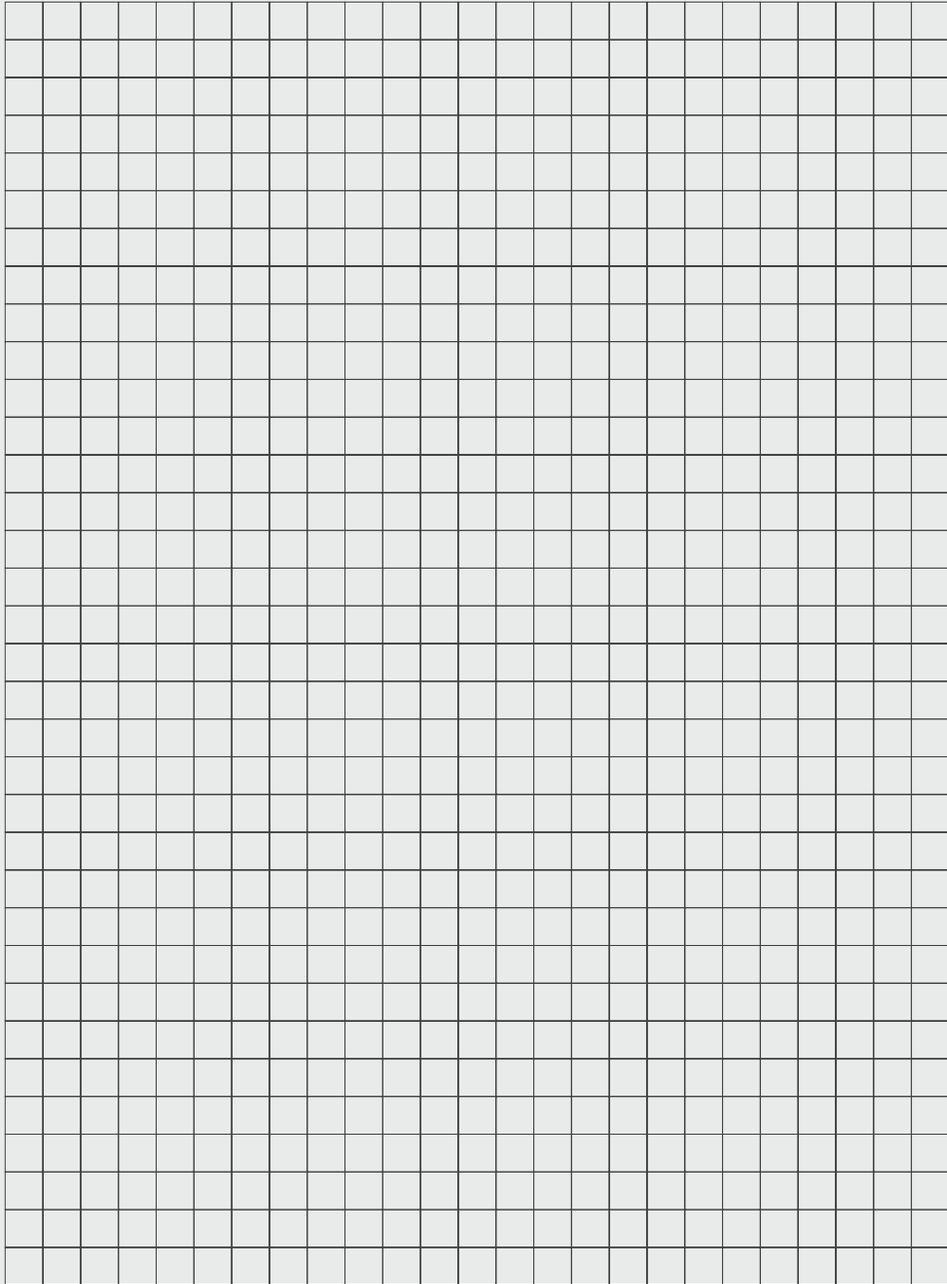
Heating system



Plotter



# Notes



**Imprint** — 70

# Imprint and contacts

## Media owner and publisher

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save



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Area Sales Manager



**Contact details**  
save

## Sales partner

Join us as an international sales partner!

We are constantly seeking new partners to represent the MAX-truder brand and products worldwide. If you are interested in becoming part of our global network, we would be delighted to hear from you.



**Sales partner**  
to the international overview

# Quality and efficiency

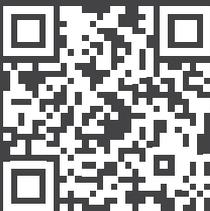
We combine both.

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