

Concrete Block and Paver Production

**CONCEPTS  
MACHINES  
PLANTS**



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The output figures listed in this brochure are guiding values. In practice, the production output depends on different factors. These are: respective plant layout, machine settings, mixing recipes, raw materials and additives used, ambient and other conditions.

# MASA – YOUR NUMBER ONE PARTNER FOR SUCCESSFUL BUILDING MATERIALS PRODUCTION

## Individual, sustainable plant solutions

Since the day we were founded, we significantly influence developments in the building materials industry. Our concepts, machines and plants, which have demonstrated their worth for many years, can be quickly updated or expanded if necessary. Our basic philosophy is: to provide flexible and intelligent solutions that enable us, as partners, to help our customers succeed.

### WE DO THIS BY MEANS OF:

- Fully automatic machines for the manufacture of concrete products, AAC products as well as sand-lime bricks
- Sophisticated and well-engineered technology
- Several decades of experience gathered by competent professionals
- Service centres all over the world
- Active and effective advice, from design to implementation
- Reliable spare parts supply and customer support

**An approach, which combined with hard work, has borne fruit:** Today, we can claim to be a global market leader in the design and manufacture of plants and machines for the building materials industry. At present, this success is made possible by some 500 staff.

### FROM RAW MATERIAL TO FINISHED PRODUCT

The manufacture of concrete products, AAC products, and sand-lime bricks places high, individual demands on the production plant in question. Only when all components are compatible and the processes are optimised will the plant run economically.

### DESIGN COMPETENCE

We define machine configurations as well as logistically and process-optimised plant layouts together with you, based on your requirements for the products to be manufactured, the desired production output and the local conditions at your site.

The close-knit interaction between design, engineering, production and service leads to complete solutions which can encompass all relevant elements of a production plant:

- Preparing, dosing and mixing of the raw materials
- Manufacturing the products
- Curing
- Handling
- Packing
- Surface treatment
- Plant control
- Further equipment

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EXPERT ADVICE,  
EXCELLENT QUALITY AND  
CUSTOMER-ORIENTED SERVICE

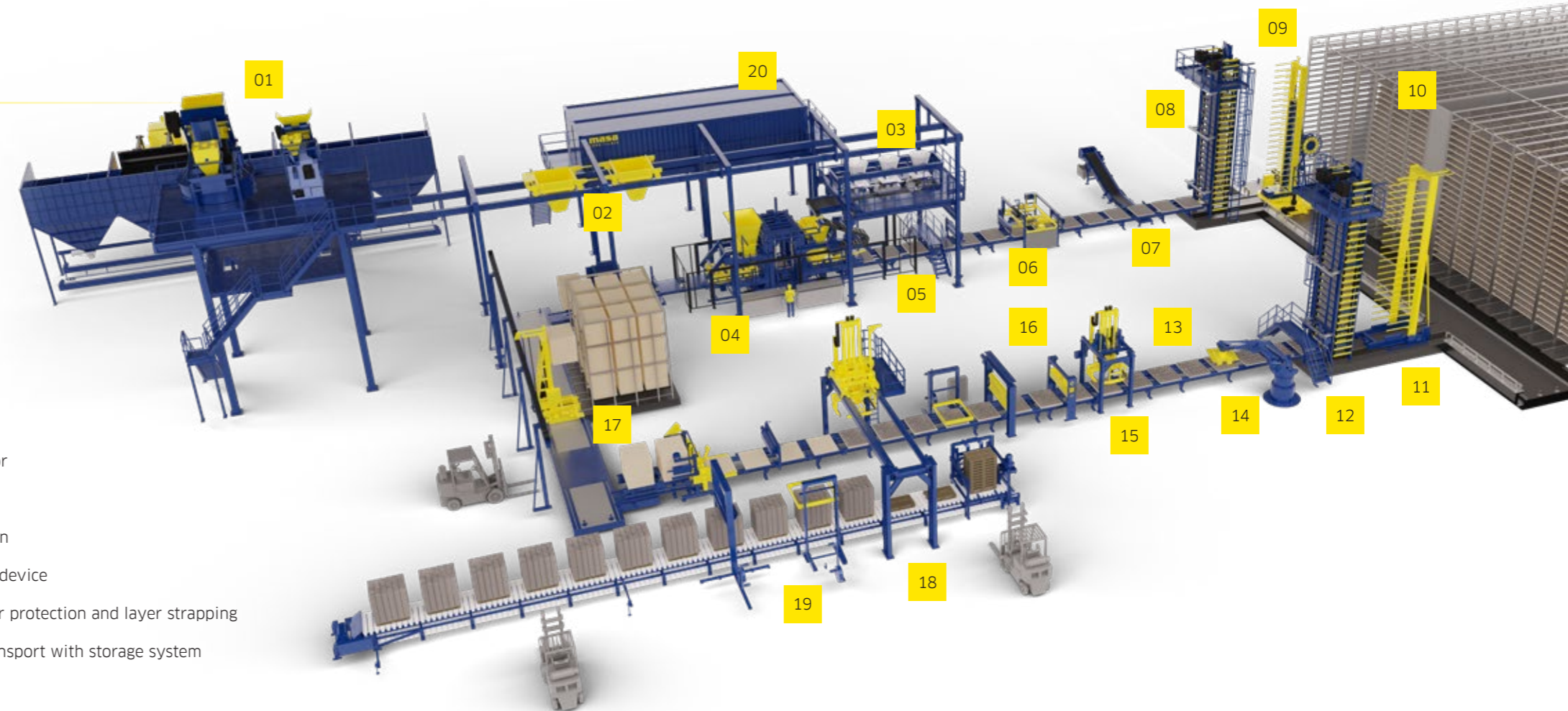

 The image shows the exterior of a modern building with a large, blue, three-dimensional 'masa' logo mounted on the roofline. The building has a series of windows and a clean, industrial aesthetic. The sky is a clear, bright blue.

## PROCESS- AND LOGISTICALLY OPTIMISED PLANTS

Value creation from the very first product

06

- |    |                               |    |   |
|----|-------------------------------|----|---|
| 01 | Dosing and mixing plant       | 12 | Lowerator                                 |
| 02 | Concrete transport system     | 13 | Dry side                                  |
| 03 | Multi colour system           | 14 | QA station                                |
| 04 | Concrete block making machine | 15 | Centring device                           |
| 05 | Wet side                      | 16 | Interlayer protection and layer strapping |
| 06 | Paver washing unit            | 17 | Cross transport with storage system       |
| 07 | QA station                    | 18 | Cubing                                    |
| 08 | Elevator                      | 19 | Cube transport with packing devices       |
| 09 | Finger car                    | 20 | Powertainer/Combitainer                   |
| 10 | Curing and ventilation        |    |   |
| 11 | Intermediate finger car       |    |   |



**Note:** The plant shown only serves as an example and does not replace a real layout plan. Some special solutions are shown in the images. For better clarity, the safeguards are not shown.

**IT'S ALL IN THE MIX!**

**The quality of the aggregates as well as the grade and homogeneity of the concrete are determining factors for the production of high-quality concrete products. To achieve optimal treatment of the mixed material, efficient mixing plants are indispensable.**

Our PH series stationary planetary main concrete mixers and our S 350/500 face mix mixer enable you to produce concrete that meets the demands of high-quality concrete blocks and pavers. As always, these mixers feature innovative mixing technology. The result: Consistent

and fast homogenisation of the mix and short mixing times. Mixer doors open on both sides to enable easy maintenance and cleaning.

**MASA DOSING SYSTEMS**

Our various dosing systems enable efficient and precise feeding of the aggregates sand, cement, water, colour or other additives by means of precise weighing. The components available for this are just as diverse as our customers' requirements.



Our largest mixer, the PH 3000/4500, is ideal for high-volume main concrete production in short cycles. It demonstrates its full potential as a high-performance mixer in the production of concrete for solid blocks, wall elements or kerbstones.



The small one for the finer things: Our S 350/500 is perfectly suited to the production of face mix concrete which is used to finish and individualise products such as pavers. The combination of our S 350/500 and a PH series mixer has proven to be ideal for demanding gardening and landscaping products.

## MIXING AND DOSING FOR EVERY APPLICATION PH SERIES & S 350/500

For a mixture that has it all

## HIGH-CLASS MIXING TECHNOLOGY PH SERIES & S 350/500

Robust, durable, reliable, flexible

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We have always been committed to manufacturing high-quality and highly reliable mixing plants - with regard to both the concrete produced and the actual component. That is why Masa mixers are characterised by their particularly solid and robust construction, which is reflected in all components. This is the basis of their high stability and long durability.

We make use of several different modes of modular wear protection: all plates and other elements such as scrapers are screwed and therefore removable. This allows easy and targeted replacement of individual components, which in turn has a positive effect in terms of costs and sustainability.

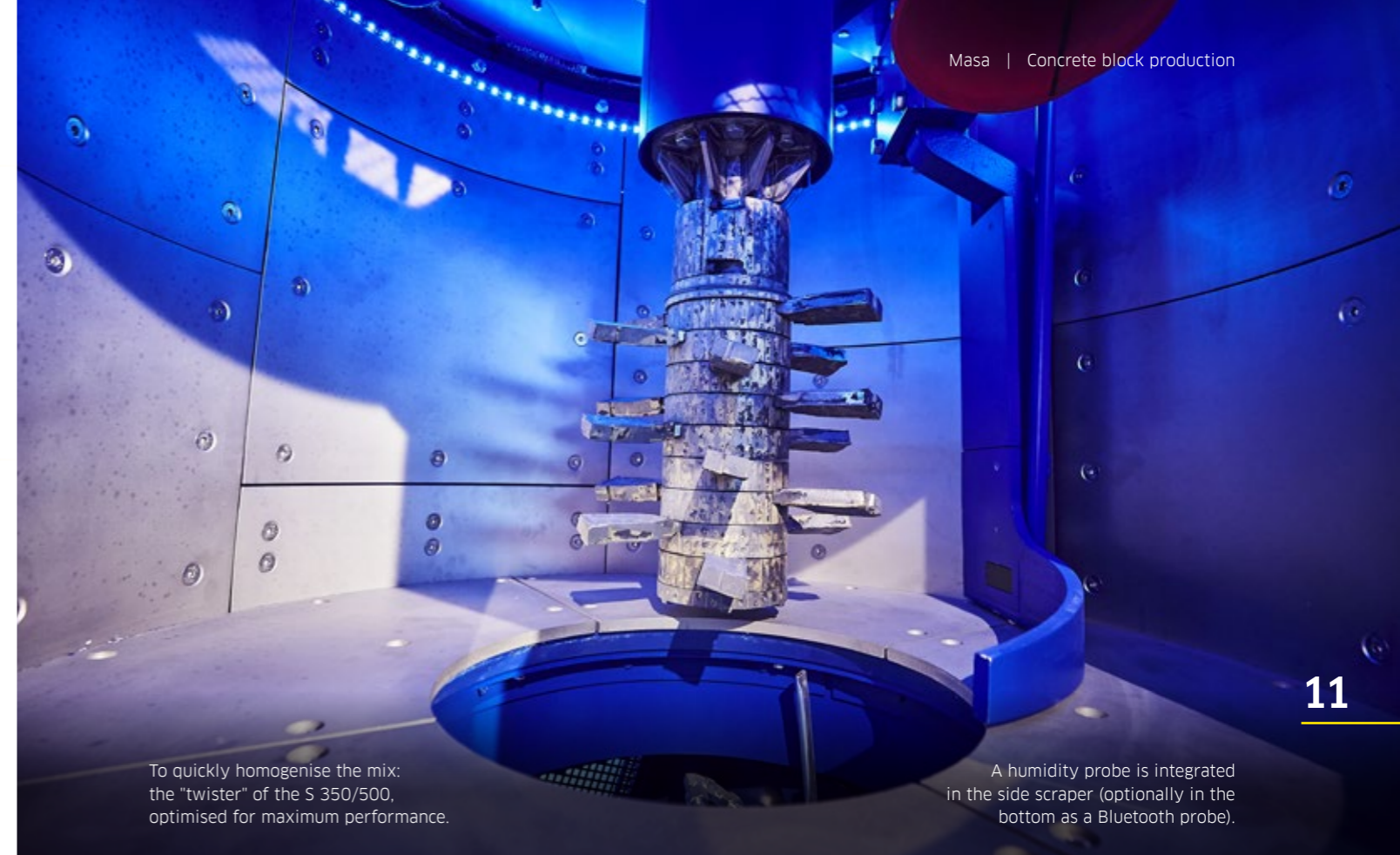
### THE ADVANTAGES OF MASA MIXERS AT A GLANCE

- Short mixing times and optimum homogenisation
- Efficient use of energy, water, cement and other aggregates
- Maximum service life due to the extremely robust construction
- Simple and targeted replacement of all wear parts due to the modular design
- Easier cleaning, care and maintenance due to the wing doors that can be fully opened on both sides
- Highest level of safety standard
- Application-oriented controls and process visualisation



Robust mixing tools with wear protection ensure a long service life and optimum mixing results in the main concrete mixer.

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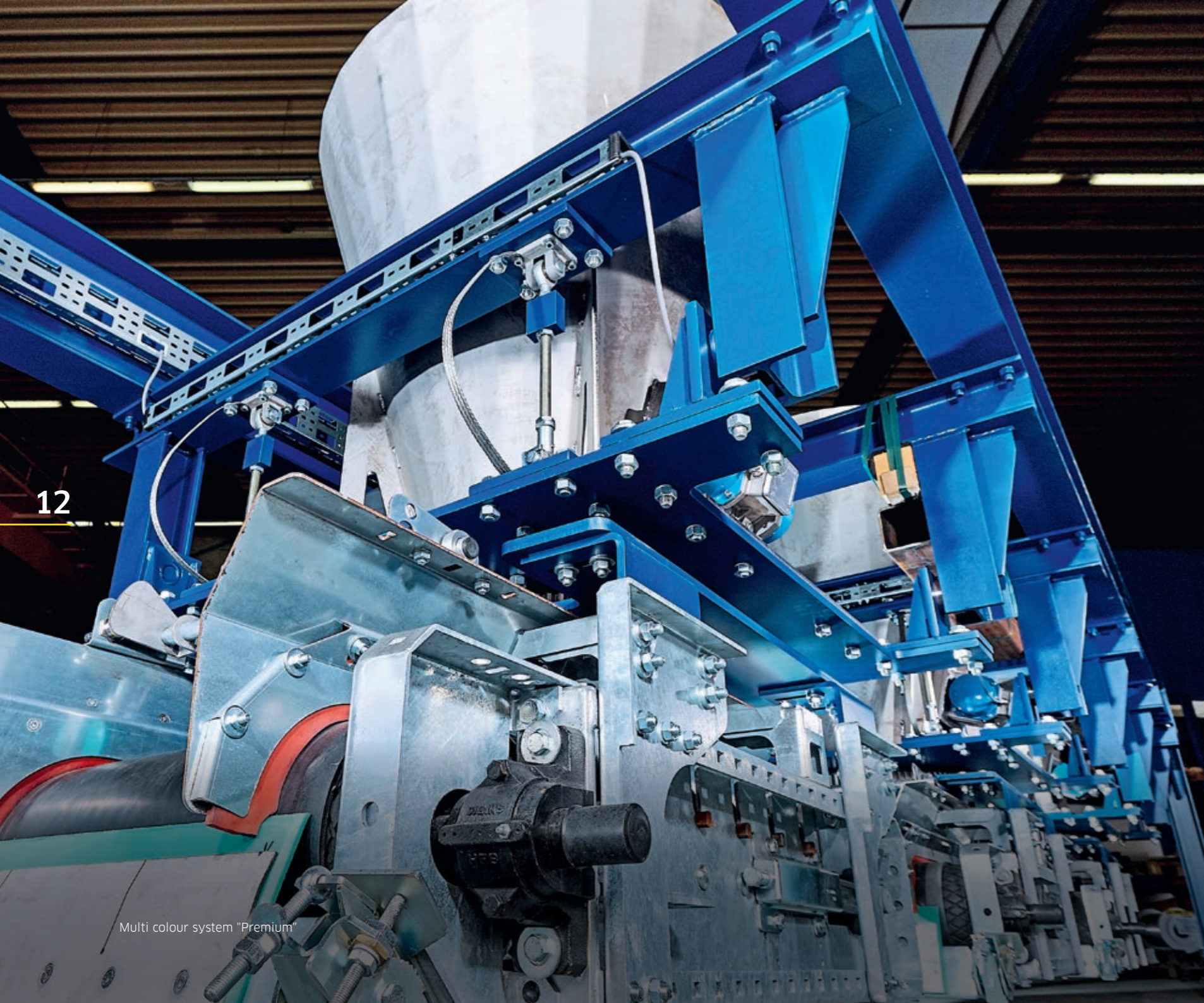


To quickly homogenise the mix: the "twister" of the S 350/500, optimised for maximum performance.

A humidity probe is integrated in the side scraper (optionally in the bottom as a Bluetooth probe).

### PRODUCTION CAPACITIES OF MASA CONCRETE MIXERS

MODEL	DRY FILLING LEVEL (LITRES)	OUTPUT CAPACITY (LITRES)	MAX. FILLING LEVEL (KG)
S 350/500	500	350	750
PH 1500/2250	2,250	1,500	3,375
PH 2000/3000	3,375	2,250	5,062
PH 3000/4500	4,500	3,000	6,750



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Multi colour system "Premium"

## EXCELLENT COLOURING MULTI COLOUR SYSTEMS

Accents for a unique character

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The indispensable components if you want your product portfolio to stand out visually: our proven multi colour systems for unique and high-quality colouring. We offer various systems for the colour refinement of your concrete products - to match your individual product requirements. There is one thing that all our systems have in common: they all serve to fulfil individual demands.



Multi colour system "Easy" for entering the world of coloured products.

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## REPRODUCIBILITY OF EXCLUSIVE COLOUR DESIGNS

## MULTI COLOUR SYSTEMS "PREMIUM" AND "EASY"

Coloured surfaces for your products

### A SYNONYM FOR MAXIMUM REPRODUCIBILITY: THE MULTI COLOUR SYSTEM "PREMIUM"

You want to produce pavers of high quality, all with their own personal optical touch. Our Premium systems feature easy-care stainless steel silos (volume of 2,250 l for main mix and 580 l for face mix) with cleaning access and load cells for each silo, as well as swivelling belts and a frequency-controlled collecting belt. The different colour combinations are stored individually and recipe-specific and are therefore precisely reproducible.

### THE COMPACT VERSION: THE MULTI COLOUR SYSTEM "EASY"

In nature, you will never find any two stones that are identical. Our multi colour system "Easy" enables you to colour your products with a natural look. One of the advantages of this system is its extremely compact design, which can also be retrofitted on the machine silo of the block making machine.

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### FURTHER POSSIBILITIES

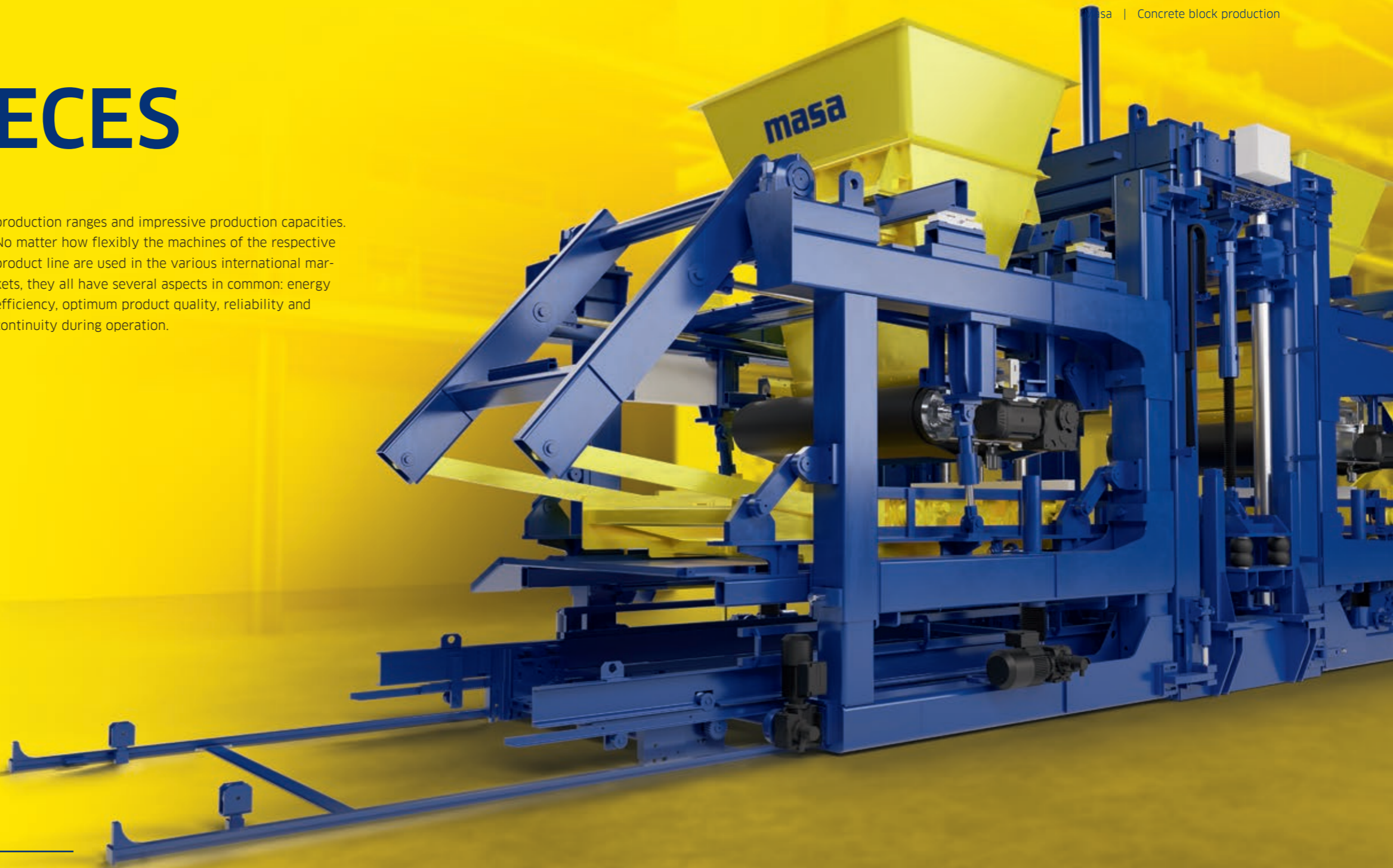
Do you have any questions, concerns or ideas? Contact us! In addition to the varieties presented, we offer further solutions and components for the successful production of coloured end products, regardless of whether you are investing in a new plant or expanding your existing plant. We will be happy to advise you in detail and help you find the right system for your needs and purposes.



# CENTREPIECES

The block making machine is the heart of every production plant for concrete blocks and pavers. It plays a decisive role in a producer's success. With the Classic and Premium Line, Masa enables you to cover the entire range of concrete block and paver production. The L 6.1 and L 9.1 machines are perfect machines for market entry into the professional building material production. The XL and XL-R machines convince with their large

production ranges and impressive production capacities. No matter how flexibly the machines of the respective product line are used in the various international markets, they all have several aspects in common: energy efficiency, optimum product quality, reliability and continuity during operation.



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**L 6.1**

The Compact One

**L 9.1**

The Expandable Machine

**XL**

The All-Rounder

**XL-R**

The Cycle Time Professional

## CLASSIC LINE PRODUCT LINES L AND XL

Block making machines for individual requirements

We have developed the Masa Classic models to be multi-talented contemporary concrete block making machines. The machines of the L and XL series convince with well-engineered and proven technology. Each model is the product of decades of experience and continual further development. This is your guarantee that they are reliable, solid and sustainable machines. In addition to the features shown, we offer a wide range of additional equipment to optimally adapt your machine to your product requirements. We offer modular expansions of the production plant for the L 6.1 and L 9.1 models, enabling them to be turned into a complete ring plant with fully automatic finger car and curing area.



### L 6.1 | THE COMPACT ONE

- Compact, stable frame construction
- Hard-chromed, low-wear guide columns, 80 mm
- Masa plant control software (Basic)

### L 9.1 | THE EXPANDABLE MACHINE

- Modular frame construction
- Mould and tamper are synchronised by a hydraulic flow divider
- Reinforced guide columns, 100 mm
- Synchronous filling box drive via mechanical swing arms for faster and more uniform filling (relative to the possible concrete quantity)
- Vibration system either frequency or amplitude controlled

### XL | THE ALL-ROUNDER

- Modular, exceptionally solid frame construction
- Improved synchronisation of mould and tamper through mechanical mould levelling device
- 120 mm guide columns
- Modular frame design enables adjustment to local installation situations
- Hydraulic system with flexible multi-pump concept allows simultaneous control of several functions with constant hydraulic pressure
- Mould change system to reduce set-up times, also available fully automatic

PRODUCTION CAPACITIES OF MASA BLOCK MAKING MACHINES

MODEL	PRODUCTION BOARD ■ Standard board size ■ max. effective area ■ max. product height	HOLLOW BLOCKS 400 x 200 x 200 mm (8")		RECTANGULAR PAVERS WITHOUT FACE MIX 200 x 100 x 80 mm		RECTANGULAR PAVERS WITH FACE MIX 200 x 100 x 80 mm	
		■ Cycle time <sup>(1)</sup> ■ pcs/cycle	Pieces/8h <sup>(2)</sup>	■ Cycle time <sup>(1)</sup> ■ pcs/cycle	m <sup>2</sup> /8h <sup>(2)</sup>	■ Cycle time <sup>(1)</sup> ■ pcs/cycle	m <sup>2</sup> /8h <sup>(2)</sup>
L 6.1	■ 1,400 x 900 mm ■ 1,300 x 850 mm ■ 350 mm	■ 16s ■ 12	18,360	■ 15s ■ 48	1,567	■ 17s ■ 48	1,382
L 9.1	■ 1,400 x 1,100 mm ■ 1,300 x 1,050 mm ■ 500 mm	■ 15s ■ 12	19,584	■ 15s ■ 54	1,763	■ 17s ■ 54	1,555
XL 9.1	■ 1,400 x 1,100 mm ■ 1,300 x 1,050 mm ■ 500 mm	■ 12s ■ 12	24,480	■ 12s ■ 54	2,203	■ 14s ■ 54	1,888
XL 9.2	■ 1,400 x 1,300 mm ■ 1,300 x 1,250 mm ■ 500 mm	■ 15s ■ 18	29,376	■ 12s ■ 66	2,693	■ 14s ■ 66	2,308

<sup>(1)</sup> Cycle time in seconds (Masa machine listed in combination with Masa ring plant)  
<sup>(2)</sup> Production quantity per 8 h shift at 85% efficiency

# PREMIUM LINE PRODUCT LINE XL-R

Block making machines for innovative applications

## HIGHLY EFFICIENT AND CYCLE TIME OPTIMISED: THAT IS OUR XL-R!

Since we have designed this model series particularly for the requirements of the gardening and landscaping sectors as well as large products, we equip the Premium Line machines right from the start with many product and cycle time-oriented features for modern concrete block and paver production. The energy-efficient servo technologies we use should be specifically mentioned in this regard.



# XL-R



Optimum filling of the filling box via dosing belt (optional)



Vibration system with servo drive - optionally also with vibration analysis

## XL-R | THE CYCLE TIME PROFESSIONAL

- Servo hydraulics with hydraulic accumulators
- Mould bearing synchronisation via servo-controlled hydraulics
- Cycle time optimisation through:
  - Intelligent drives
  - Servo-controlled, fast feed of the production boards in combination with a synchronised V-belt lowering device
  - Overlapping movements
  - More energy-efficient drive systems

- Set-up time optimisation through magnetic clamping of the filling box rails
- Laser-controlled level measurement in the filling box
- Larger configuration possibilities
- Extensive standard equipment
- Automation applications to support intuitive operation and reliable plant performance

### PRODUCTION CAPACITIES OF MASA BLOCK MAKING MACHINES

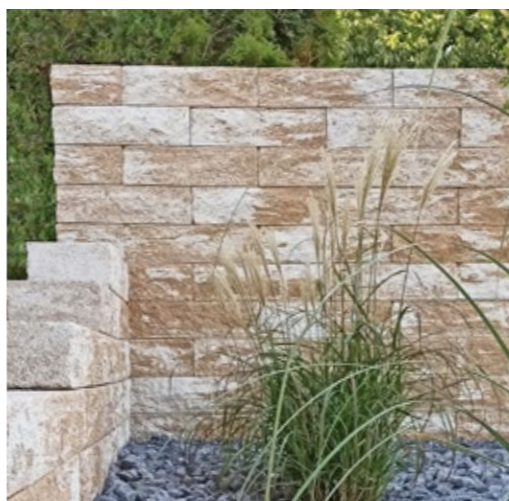
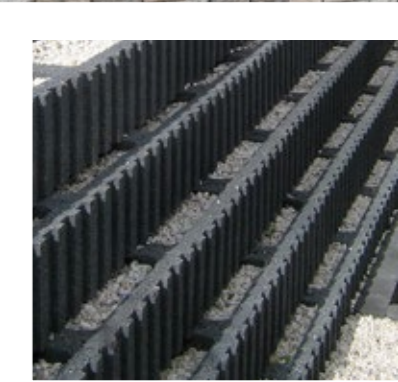
MODEL	PRODUCTION BOARD ■ Standard board size ■ max. effective area ■ max. product height	HOLLOW BLOCKS 400 x 200 x 200 mm (8")		RECTANGULAR PAVERS WITHOUT FACE MIX 200 x 100 x 80 mm		RECTANGULAR PAVERS WITH FACE MIX 200 x 100 x 80 mm	
		■ Cycle time <sup>(1)</sup> ■ pcs/cycle	Pieces/8h <sup>(2)</sup>	■ Cycle time <sup>(1)</sup> ■ pcs/cycle	m <sup>2</sup> /8h <sup>(2)</sup>	■ Cycle time <sup>(1)</sup> ■ pcs/cycle	m <sup>2</sup> /8h <sup>(2)</sup>
XL-R 9.1	■ 1,400 x 1,100 mm ■ 1,300 x 1,050 mm ■ 500 mm	■ 11.5s ■ 12	25,544	■ 9.5s ■ 54	2,783	■ 11.5s ■ 54	2,299
XL-R 9.2	■ 1,400 x 1,300 mm ■ 1,300 x 1,250 mm ■ 500 mm	■ 14s ■ 18	31,474	■ 9.5s ■ 66	3,401	■ 11.5s ■ 66	2,810
XL-R 9.3	■ 1,500 x 1,350 mm ■ 1,400 x 1,300 mm ■ 500 mm	■ 14s ■ 18	31,474	■ 9.5s ■ 72	3,711	■ 11.5s ■ 72	3,065

<sup>(1)</sup> Cycle time in seconds (Masa machine listed in combination with Masa ring plant)  
<sup>(2)</sup> Production quantity per 8 h shift at 85% efficiency



# DIVERSITY

CONCRETE BLOCKS  
AND PAVERS IN USE



**Being a forerunner in the innovative use of containers for the compact installation of hydraulics and electrics, we have many years of experience in this field. Our concept of a protected, safe and clean site has long proven its worth in practice.**

These container solutions bring everything together for you, not only in one place, but in the right place, optimised in all regards for the components.

Masa containers are turnkey rooms with optimum ease of assembly. They also offer further advantages which become evident as soon as these containers are taken into use:

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#### POWERTAINER

The plug-and-play Powertainer serves as the central electrical control room.

- Easy climate control
- Prepared for EMC-compliant installation and pre-wired
- All switch cabinets for the plant neatly and clearly arranged at one central location
- No additional cost and effort for building a control room required

Our basic idea for the Powertainer has led to another two practical units, the Hydraultainer and the Combitainer.

#### HYDRAUTAINER

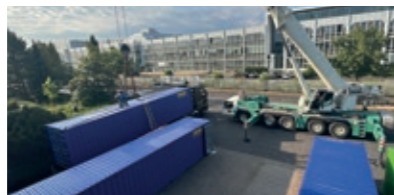
Block making machines are hydraulically driven. The Hydraultainer is an enclosed space offering the following benefits:

- Space for the hydraulic station
- Integrated oil collecting pan
- Safety
- Easy climate control
- Sound insulation

#### COMBITAINER

Everything neatly organised: Our Combitainer consists of two separate and functionally optimised rooms which combine the central control room of the Powertainer with the Hydraultainer.

## INNOVATIVE CONTAINER SOLUTIONS CENTRAL THEME - CENTRALLY SOLVED



Tough outside, smart inside:  
our container concepts  
combine practicality, safety  
and low maintenance.

**Concrete block making machine**

High-quality products are supplied to the handling cycle.



**Height control**  
Laser measuring equipment measures and records the product height.



**Surface control**  
Visual quality checks, alternatively also 3D, manually or automatically, optionally with removal of the production boards.

**Weighing of the production board**  
The fresh raw density is determined by weighing the full production board.

**Wet side transport**  
Fully electric transport systems via walking beam conveyors or modular V-belt conveyors.

**Sorting device**  
Device to directly detect and remove non-flawless products, minimising subsequent loss of time on the dry side.



**Paver washing unit**  
The washing unit as a multi-station configuration to accentuate the high-quality face mix materials on the product surface.

**Coating**  
Liquid coatings are applied to protect the surface or finish the products.

**Elevator**

The downstream elevator collects the products for further transport to the curing area.



**WET SIDE**

Optimally prepared for curing





## CURING

Hard as rock and consistent

**In the curing area, the fresh products obtain the strength required for their further handling. The fully automatic Masa finger car is a reliable solution for loading the curing racks.**

Depending on the plant layout and product portfolio, the finger car can be designed with a turning device and lifting mast adjustment. Various position measuring systems and data transmission options ensure safe and reliable processes. Storage and retrieval logistics with highly informative monitoring for the plant operator enables optimum utilisation of the available storage capacities in the chamber.

The complete curing rack as well as elevator, finger car and lowerator are installed in a coherent climate zone. The

Masa ventilation system can optimise the curing process by creating uniform climate conditions in the curing chamber. It consists of horizontally arranged recirculation fans in a separate fan shaft, vertically arranged exhaust fans and diagonally arranged humidity and temperature sensors. The sensors monitor the recirculated air, and the recirculation or exhaust fans are controlled accordingly.

The objectives of regulating temperature and humidity in the curing chamber are to avoid colour differences in similar products, to realise faster curing and ultimately to use cement and colours more effectively.

## DRY SIDE

From the cured product to cubing

The dry side is the handling area for the cured products. In addition to quality assurance tasks, this involves preparation for cubing and the initial packing tasks. Here, too, various transport devices are available, such as the continuous servo-controlled walking beam conveyor or, alternatively, modular V-belt conveyors.

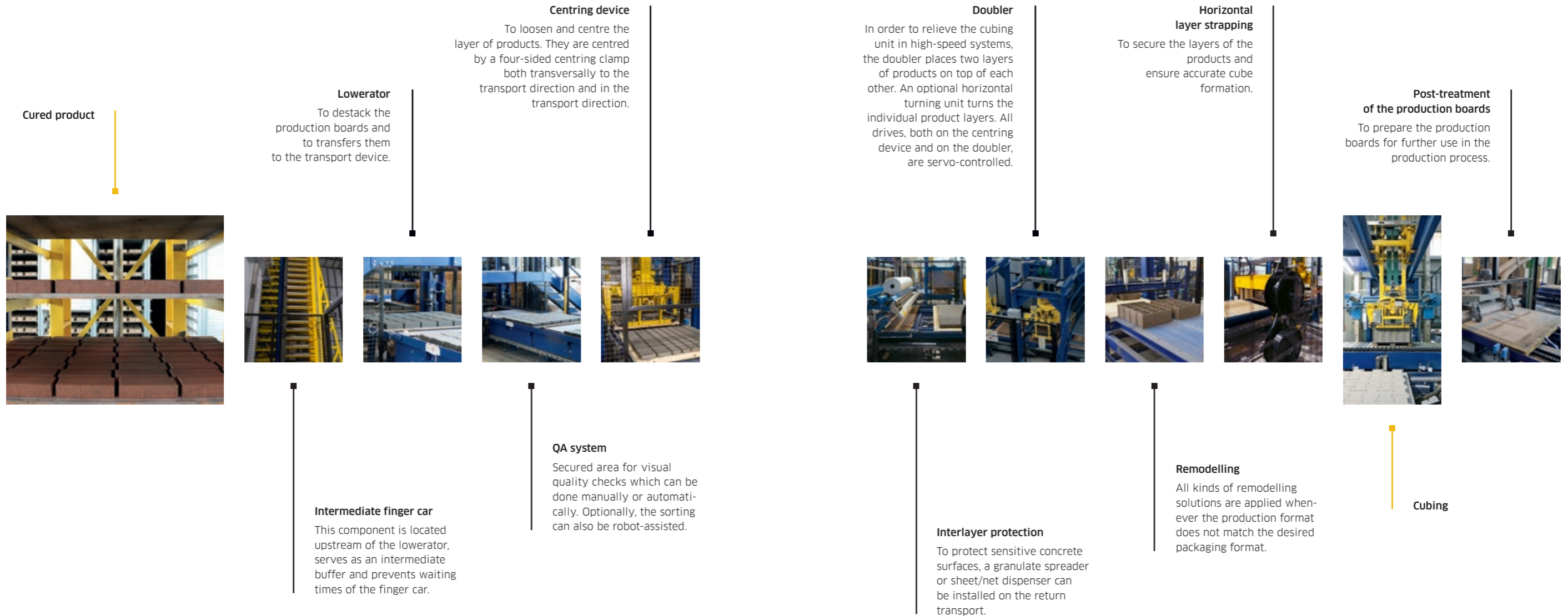
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SEVERAL DIFFERENT POSSIBILITIES  
FOR QUALITY ASSURANCE,  
HANDLING AND PACKING



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## STORAGE SOLUTIONS FOR PRODUCTION BOARDS

Flexibility in the production process

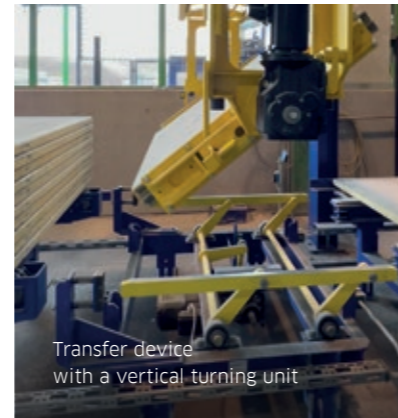
### Flexible cycle

As soon as the Cuboter has removed a finished layer of products for cubing, the empty production board is transported back to the block making machine. This closes the cycle.

This process step takes into account the individual customer requirements as well as the quality of the production boards used. The versatile solutions range from functional to complex. We will be happy to advise you in this regard.

Complex storage systems store and retrieve the production boards independently of the processes on the wet and dry sides, thus offering flexible production optimisation:

- Compensation of differences in cycle times between products varying on the wet and dry sides
- Reduced production downtimes during maintenance and troubleshooting as well as during change over (e.g. changing moulds on the machine)
- Enables cleaning activities on the machine after the end of the shift with the dry side running



THE CONTROL SYSTEM OPTIMISES THE PRODUCTION-SPECIFIC PROCESS IN THIS AREA.



## CUBING

Strong grip and gentle handling

The concrete block production process ends at the packaging line where the cured product is made available for storage or direct shipment. To compete with the high efficiency mixers and block making machines, a fast and high-performance handling component is needed. Our technological answer: the cleverly designed Cuboter as cubing solution.

The Cuboter's versatile clamp functions enable it to forcefully grab the layers of products so that they are hold stable while being shifted. The cubes are created particularly accurately and due to the dynamically harmonious movements of the Cuboter without damaging the products. Even in its standard version, the Cuboter cubes product layers with lifting weights of up to 700 kg and product heights of up to 500 mm. Further continued quality is also ensured by professional packing!

### CONSUMPTION AND ENERGY OPTIMISATION

There are no hydraulics in the Cuboter. It operates purely by means of electric servo drives and offers maximum energy efficiency by converting deceleration energy into acceleration energy. The kinematic control is the key for precise drive curve calculation and avoidance of interfering edges. The most optimal track is consequently guaranteed. This saves energy and enables short cycle times.

Anything that does not fit is made to fit.



Exact positioning: The automatic Cuboter precisely places the layers on a conveying system and creates accurate cubes.

### LAYER REMODELLING SYSTEMS

To make full use of the capacity of our block making machines with large production boards, it may be necessary to rearrange the block layers to fit the packing sizes of smaller transport pallets. The remodelling unit reduces and completes the layer formats individually in XY direction. The reproducibility of this desired layer format is guaranteed by the recipe memory. This component also enables void layers to be created for easy transport possibilities in special markets. Given the many different applications, we recommend customers ask for specific advice tailored to their actual situation.

### INTEGRATION OF HANDLING ROBOT SYSTEMS

Robot systems can be useful for special cubing and packing requirements. We will be happy to design the right solution for your requirements together with you.



# SURFACE TREATMENT

Strong partners

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Paver washing unit

Surface treatments on the wet or dry side enable you to enhance the look of your products or protect them from chemical or mechanical stresses and soiling.

On the wet side, for example, the Masa paver washing unit accentuates the special surface texture of the face mix materials. We are also happy to integrate further equipment for finishing and treating the freshly produced or cured products. With this, we provide a wide range of options, such as coating, blasting, grinding, polishing, aging or hammering, allowing you to create your unique product lines.



- BLASTING
- GRINDING
- WASHING
- AGING
- SEALING
- CURLING
- SPLITTING
- COATING
- CALIBRATING
- POLISHING
- HAMMERING
- MILLING

## CONCRETE PRODUCTS WITH A NATURAL CHARACTER

Splitting machine

The Masa splitter is used to produce concrete elements or palisades with a natural stone look. The upper and lower knives of the Splitter 1250 are flexibly mounted in an extremely robust, torsionally rigid frame construction, allowing precise splitting of large concrete elements. The Splitter can be placed both inline and offline.

A range of different, contour-dependent splitting knives can be used to create multi-sided splitted surfaces. For smaller amounts of splitting products, the Splitter 500 is also suitable.

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## BETTER SAFE THAN SORRY SAFETY

Durable and comprehensive concepts

**Two aspects are particularly important to us when designing and implementing plant concepts:** maximum work safety and ease of operation. Both serve to protect employees, prevent accidents in production and minimise production downtimes. Masa plants meet the highest safety standards worldwide!

### WHAT ARE OUR SAFETY CONCEPTS BASED ON?

- Applicable machinery directives and functional safety
- Country-specific functional safety concepts
- Customer-specific requirements
- Integration of cross-industry solutions
- Risk analyses and performance level calculations

### SAFETY ALWAYS COMPRISES THREE ASPECTS:

- The safety of your employees
- The safety of your production process
- The safety of your plant and its components

MASA NEVER COMPROMISES  
ON PLANT SAFETY!

SAFE TO THE  
POWER OF 3

Since machines must never endanger personnel, neither during normal operation nor in the event of a malfunction, Masa has committed itself to one of the highest safety standards worldwide!



## SUSTAINABLE MEANS FUTURE-PROOF ENERGY EFFICIENCY

In line with quality and quantity

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Environmental protection, resource conservation and sustainability? These are not the first things one commonly associates with construction materials. But these considerations play a key role in our industry as well – and all the more so in the future! Resources are already scarce and will become scarcer and thus more expensive all over the world. This has urged us to constantly work on technologies to make our machines and plants ready for the future, also with regard to the ecological balance.

### WHAT MAKES PLANTS ENERGY EFFICIENT?

- Intelligent drive concepts
- Reduction of reactive energy
- Higher efficiency
- Use of energy-efficient components
- Cross-component overall concepts

### SYSTEMATIC SUSTAINABILITY

We reconcile our customers' economic goals with ecological and social goals for a future-oriented coexistence.

### ECOLOGICAL RESPONSIBILITY

As a manufacturing company, we acknowledge our ecological responsibility.

**ENERGY EFFICIENCY  
ALWAYS ALSO MEANS  
CO<sub>2</sub> REDUCTION**

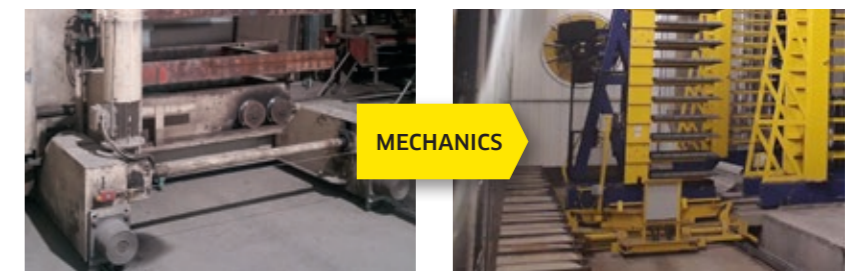
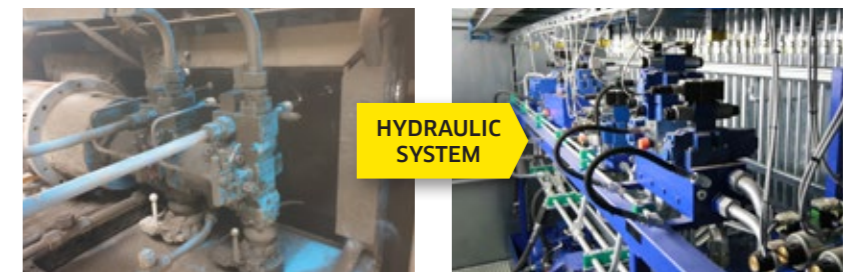
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In order to maintain the long-term economic efficiency of an existing plant, specific modernisation or conversion measures are necessary during the lifetime of the plant.

We will be happy to support you in updating plant areas to make them state of the art.

#### MODERNISATION OPTIONS



# RETROFIT



## ALWAYS IN PLAIN SIGHT

INSPECTIONS, SPARE PARTS, FIRST AID, TRAINING OR  
PROCESS ENGINEERING: WE ARE JUST A PHONE CALL AWAY.

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## MORE THAN MECHANICAL ENGINEERING CONSULTATIVE SERVICE

We accompany you throughout the lifetime of your machines

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Why are we a good partner?

Our efforts do not stop once we have delivered a plant! The Masa Lifetime Service, which includes training and support, begins once the installation and commissioning have been completed. It is important to us that you never feel left on your own and know that you can rely on us.

# OUR SERVICE FOR YOU

**Masa Support: First aid** and more! We are there for you if you have any technical problems or questions and to help you with updates.

**Inspection and maintenance:** Extend the service life of your machines in a targeted manner.

**Masa Health Check:** The machine inspection “Masa Health Check” can be used for preventive maintenance and repair measures.

**Assembly and commissioning:** Masa plants and machines are installed and commissioned by our own experienced fitters.

**Masa Smart BackUp:** Our convenient and comfortable solution for efficient data backup of recipes and process data.

**Customer training:** Practical content taught by competent trainers to raise your employees’ qualifications to a higher level.

**Process engineering support:** We help you optimise your product quality and quantity.

**Retrofit and conversion:** We make sure your plants are state of the art again.

**Spare parts and spare parts logistics:** Get original spare parts of proven Masa quality, perfectly matched to your equipment, in the shortest time possible.

AN INSTALLED BASE OF  
MORE THAN  
**10,000**  
MACHINES WORLDWIDE

# VALUES WE STAND FOR



## SUCCESS AND PARTNERSHIP

Decisive for the joint success is always the close and cooperative exchange of opinions and experience with our customers.



## EXPERIENCE

In our long company history, we have experienced and significantly influenced developments in the construction materials industry. The technical and operational experience we have thus gathered greatly benefits us and our customers today.



## SAFETY

Two aspects are particularly important to us when planning and implementing plant concepts: maximum work safety and ease of operation. These two aspects serve our employees' health and continuously ensure the manufacturing processes.



## CUSTOMER ORIENTATION AND SOLUTION COMPETENCE

Experience has shown that customised, individual solutions significantly strengthen and improve our customers' market positions.



## QUALITY

As ever, for us, "Engineered in Germany" equals our commitment to quality, stability and sustainability. Our engineering principles are applied to all development and production phases.

# EXPERTISE FROM PASSION

# MASA

## WORLDWIDE

USA  
Green Bay, WI

2x GERMANY  
Andernach  
Porta Westfalica

RUSSIA  
Moscow

UAE  
Dubai

INDIA  
Navi Mumbai

CHINA  
Tianjin





Milestone to your success.

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