

masa

Milestone to your success.

Solution, Success, Partnership

Our solutions for your SUCCESS.

Masa - your partner for the successful production of building materials.

With intelligent and flexible solutions, Masa leads its customers to success.

Experience, reliability and passion are the basis for a long lasting partnership.

www.masa-group.com

Concrete block production

Constant high qualities and quantities:
Masa sets standards in block production.

Masa has all the necessary experience for the production of high quality blocks made from light or heavy weight concrete. The batching and mixing plants are able to prepare quality concrete in accordance with the requirements of the specific blocks to be manufactured. The block machines and plants are dimensioned to the required production outputs to enable the customer to achieve the highest quantities for the respective sizes.

We can supply plant components incorporating product enhancement, pallet transport, cubing and packaging of the end product, depending on customer's specific requirements. All plants are designed depending on conditions at the proposed location of the factory.

These components are:

- Pallet transport systems
- Elevators and lowerators
- Finger cars
- Centering devices and doublers
- Cubers and transport for finished products
- Remodelling lines
- Enhancement systems (e.g. Paver Washing Plant, Splitter)

Masa supply hydraulic presses for the manufacture of high density kerbstones.



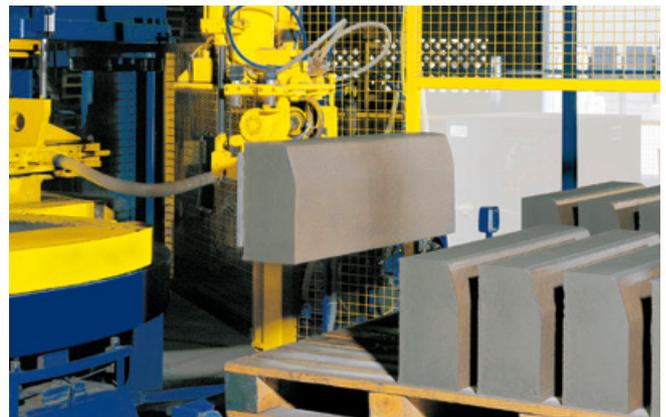
Mixer



Concrete block making machine



Servo cubers



Kerbstone press

AAC block production

Quality from A to Z: For this highly sophisticated manufacturing process, Masa has all the components and technology available.

The manufacturing of aerated concrete demands high standards for mixing and dosing of the aggregates, the control of the fermentation process and the control of each production step. Masa's aerated concrete installations are proven advanced technology processes, designed according to customers specific requirements. This approach allows complete solutions to ensure highly efficient, optimised processes resulting in consistent final product quality.

The wide range of Masa technology for the manufacture of aerated concrete allows ample alternatives for complete plants or stand alone machines as well as all services and production support. All of these combine to provide a decisive advantage for our customers in their marketplace.



Wet ballmill



Cross cutter



Filling of the autoclaves



Cubing: Block shifter

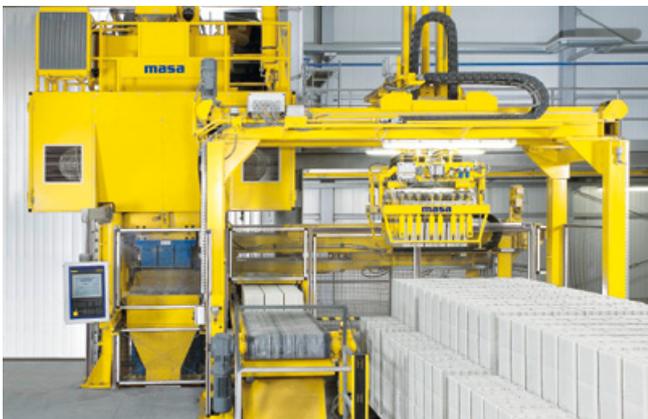
Sand lime brick production

Proven technology for high-quality products:
Sand lime bricks inspire builders and architects.

The concept of sand lime brick manufacture allows the production of small, medium and large bricks. This technology also enables specialised bricks and fitting pieces to be produced to the exact requirements of the architect.

Careful planning is the most important factor for the economic success of a production plant. The local requirements and possibilities as well as the longterm growth potential have to be taken into consideration right from the start.

Our engineers define the machine designs and capacities as well as the process sequence and arrange the plant components in the given space. Complete turn-key plants are assembled from a selection of standard components that can be integrated into the customer's required solution. This modular system ensures correct interpretation of the customer's requirements within a short delivery time.



Hydraulic sand lime brick press with brick placing robot for fresh bricks



Lower part of reactor with double shaft mixer



From hardening car to packaging plant: Efficient and appropriate for the material



Patented vacuum grab to transport any brick size

Concrete slab production

Economical and flexible: Masa enables producers to react rapidly to new market trends.

Whilst the slab press is the heart of the plant, Masa also provides the batching and mixing equipment to feed concrete to the paving slab machine, slab take-off devices incorporating direct washing facilities, curing systems, slab secondary processing and packaging – in fact, the complete ‘know-how’ for the manufacture of slabs. A distinct advantage for our customers is that large turn-key plants or single components are all from one supplier – Masa, your partner, through planning, design, manufacture, assembly, commissioning, training and continuous support during production.

The commercial success of each production plant is achieved by careful planning, taking into account the requirements and opportunities available on site for longterm growth from the outset. For this, our designers specify the capacities and layouts of equipment, as well as organising the production process. Turn-key plants are assembled with standard components, which can be combined to achieve individual solutions. Utilising standardised components wherever practical results in short delivery times.



The slab press UNI 2000



Direct washing device: The natural aggregates are exposed



Chamfer grinding: Exact contours



Slab package transfer device

Experience is our strength. Flexibility takes us forward.

The German company Masa was established more than 100 years ago and has grown to be one of the world leaders in the design, manufacture and installation of equipment for the building products industry.

They also have an experienced service department for the installation and commissioning of new plants and the refurbishment, rebuilding and maintenance of existing plants including those of their competitors.

Under the Masa trade mark the production facilities throughout Germany are complimented by sales departments worldwide.

The head office is located in Andernach between Cologne and Frankfurt with all the necessary departments for the production of concrete block making plants. A second location in Porta Westfalica is responsible for the manufacture of equipment to produce paving slabs; aerated concrete and sand lime bricks. Sales and service subsidiaries are located in USA, China, Russia, India and the Middle East.

Do you require any additional information?

Detailed product brochures "Concrete Block Production", "Aerated Concrete Production", "Sand Lime Brick Production" and finally "Concrete Paving Slab Production" all give an oversight of the different process possibilities.

You can download these brochures giving production capabilities from:

www.masa-group.com



Location to contact for concrete block and paver production:

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Location to contact for AAC, sand lime bricks and paving slabs production:

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