

FRIMA E500 „THE BEGINNER“



EFFICIENT · LOW-MAINTENANCE · USER-FRIENDLY





THE BEGINNER

Integrated concepts for different requirements make it easy for configuration of machines and equipment to find a „tailor-made“ and yet economical solution.

With the **FRIMA E500**, we have a compact and economical entry-level solution. This machine combines high functionality and flexibility in a small space, it was also designed to combine the greatest possible flexibility and cost efficiency.

FRIMA E500 has all the technical requirements to ensure a reliable and economical production of high quality concrete products. It is easy to use and operate; it also has exceptional value for money.

The E500 offers the production of the whole range of building materials such as: concrete paving stones, curb stones, concrete blocks, bricks/ concrete hollow blocks, garden elements, etc.



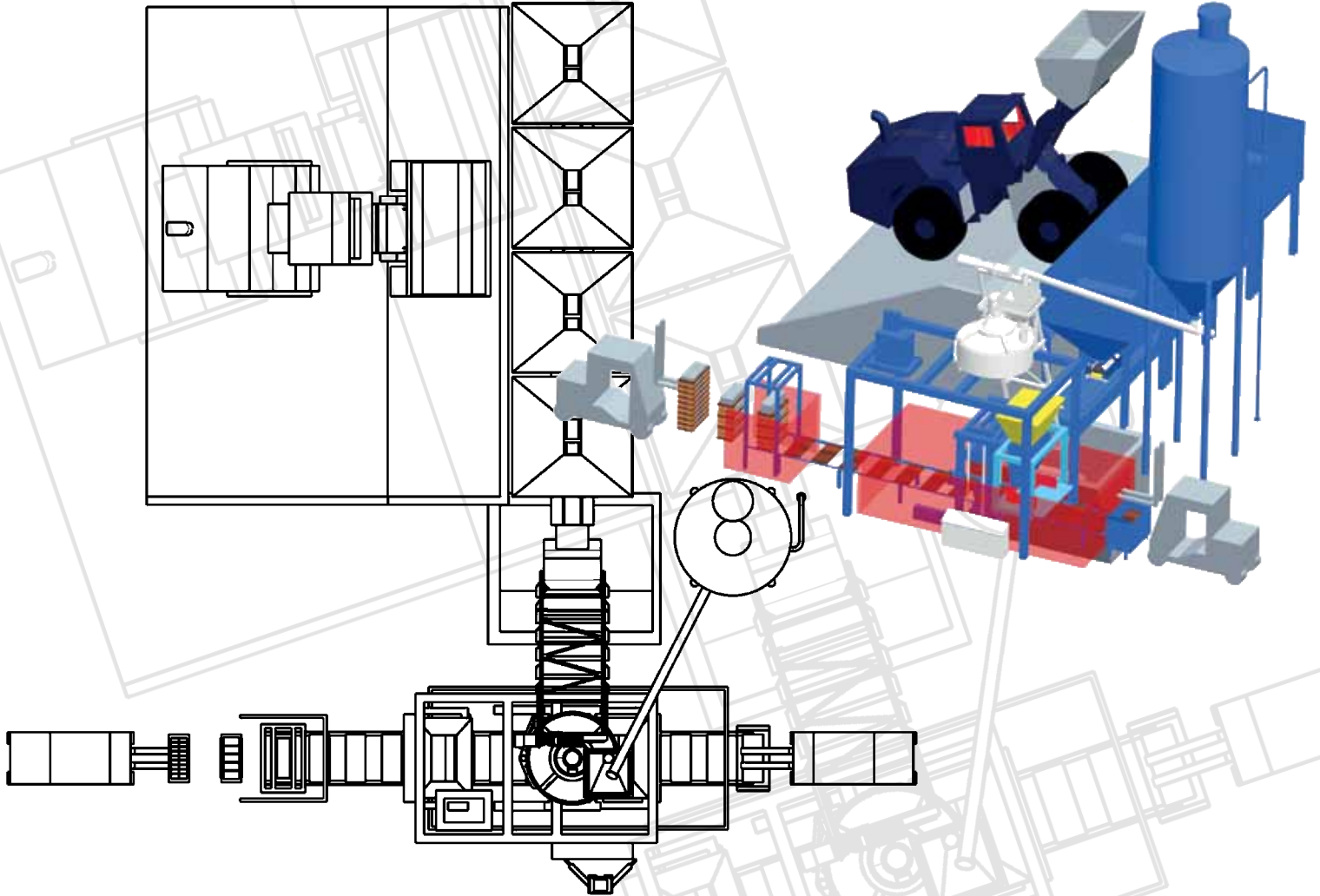
TECHNICAL FEATURES

- Board size: 1400 x 550 mm min. or 1520 x 550 mm Max. with feet / support
- Production Height: up to 300mm
- Latest control and operating systems SIEMENS S7-1200 and SIMATIC Basic Panel
- Compact plant design
- Single unit rigid vibrating table
- Frequency controlled vibrating system
- Mold bracing by air bag actuators
- Proportional control valve for board-feeding device

Depending on version:

- 2nd Filling device for face-mix concrete
- Cross-cleaning
- Mechanical height control





FRIMA CONCRETE BLOCK MACHINE E500

- With 1 or 2 filling devices
- Pallet stone stacker
- Dryline conveyor
- Manual cuber

MIXING AND BATCHING PLANT E500

- Aggregate silos
- Belt conveyor scale
- Planetary mixer with skiphoist
- Cementsrews
- Cement scale
- Admixture pump
- Moisture control





COMMITMENT TO SERVICE

FRIMA stands for continuous monitoring of machine and plant life.

FRIMA offers you all the services you need in order to achieve the highest possible plant availability.

FRIMA does not leave its customers alone. Not even when the machine or plant has been installed and the production is running. We support you with all questions and requirements for the operation of the installed machines and plants with spare parts, inspection, maintenance, consulting or upgrading.

Talk to us – we are looking forward to working with you.

SPARE PARTS SERVICE

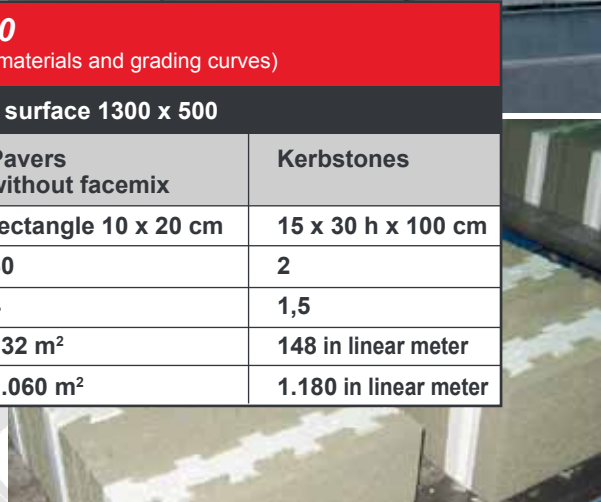
A quick and reliable supply with spare parts and service is the basic requirement for a successful system operation.

For this reason, high spare parts availability and low response time are regarded as top priorities for spare part and service requirements at **FRIMA**.

In addition, **FRIMA** has developed a new remote maintenance concept. By use of this concept, we can access the system control and all networked plant components via VPN tunnel by means of a standard PC without any additional installation of hardware.

Consequently, diagnoses, parameter settings, fault removal as well as software enhancements and modifications can be performed. This saves you an enormous amount of time and costs. Using this concept, our technicians can access your system any time and from anywhere in the world.

Of course, our employees are happy to support you personally any time besides this new type of remote maintenance.



PRODUCT LINE

- Hollow blocks
- Pavers with facemix
- Pavers without facemix
- Kerbstones
- Slabs
- walling stones
- landscaping products

performance data FRIMA E500

(Output in 8 h production with 92% efficiency / Data's are based on proper materials and grading curves)

size of the board 1400 x 550

work surface 1300 x 500

product	Hollow blocks	Pavers with facemix	Pavers without facemix	Kerbstones
size	20 x 40 h x 20 cm	rectangle 10 x 20 cm	rectangle 10 x 20 cm	15 x 30 h x 100 cm
units per board	6	30	30	2
cycle per minute	3	2,5	4	1,5
output in 1 hour	1.080	83 m ²	132 m ²	148 in linear meter
output in 8 hours	7.950	660 m ²	1.060 m ²	1.180 in linear meter



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