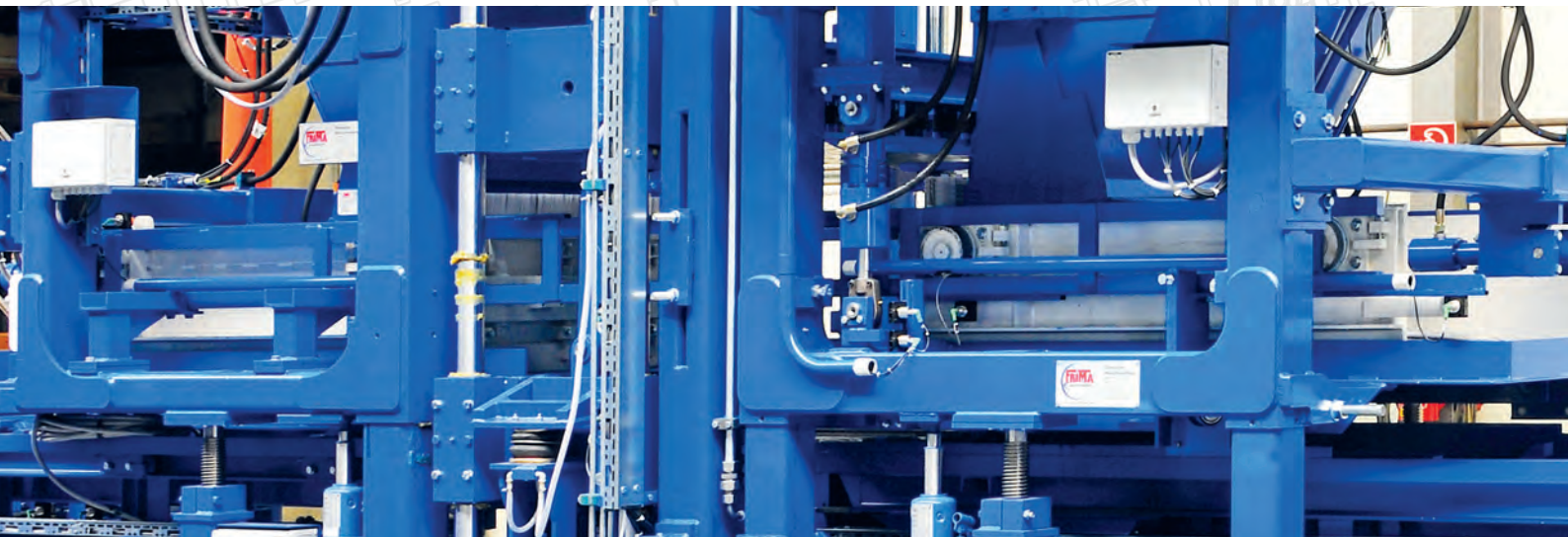
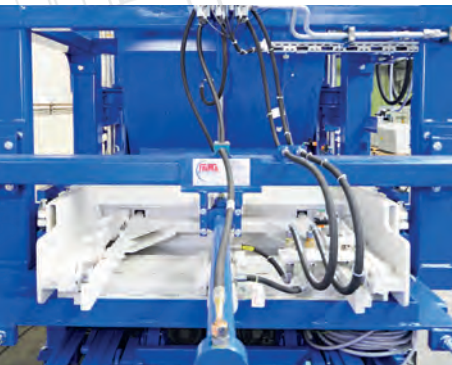
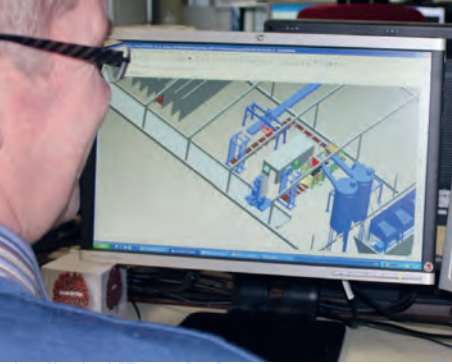


FRIMA P650 „OUR ALL-ROUNDER“



EFFICIENT · LOW-MAINTENANCE · USER-FRIENDLY





OUR ALL-ROUNDER

With the **FRIMA P 650**, we have a compact and economical solution in the market segment of stationary block making machines.

Versatility in configuration has made it possible to operate this machine individually, and later expand to a complete fully automatic cycle plant, this plant optimally adapt to various economical situation. The universal modular system sets new standards and offers broad application possibilities.

FRIMA P 650 has all the technical requirements to ensure a reliable and economical production of high quality concrete products. It has a good facilities and a high performance for all products range. It is easy to use and operate, and has a very good value for money.

Hence, it is highly flexible and can adapt to all required possible solutions.

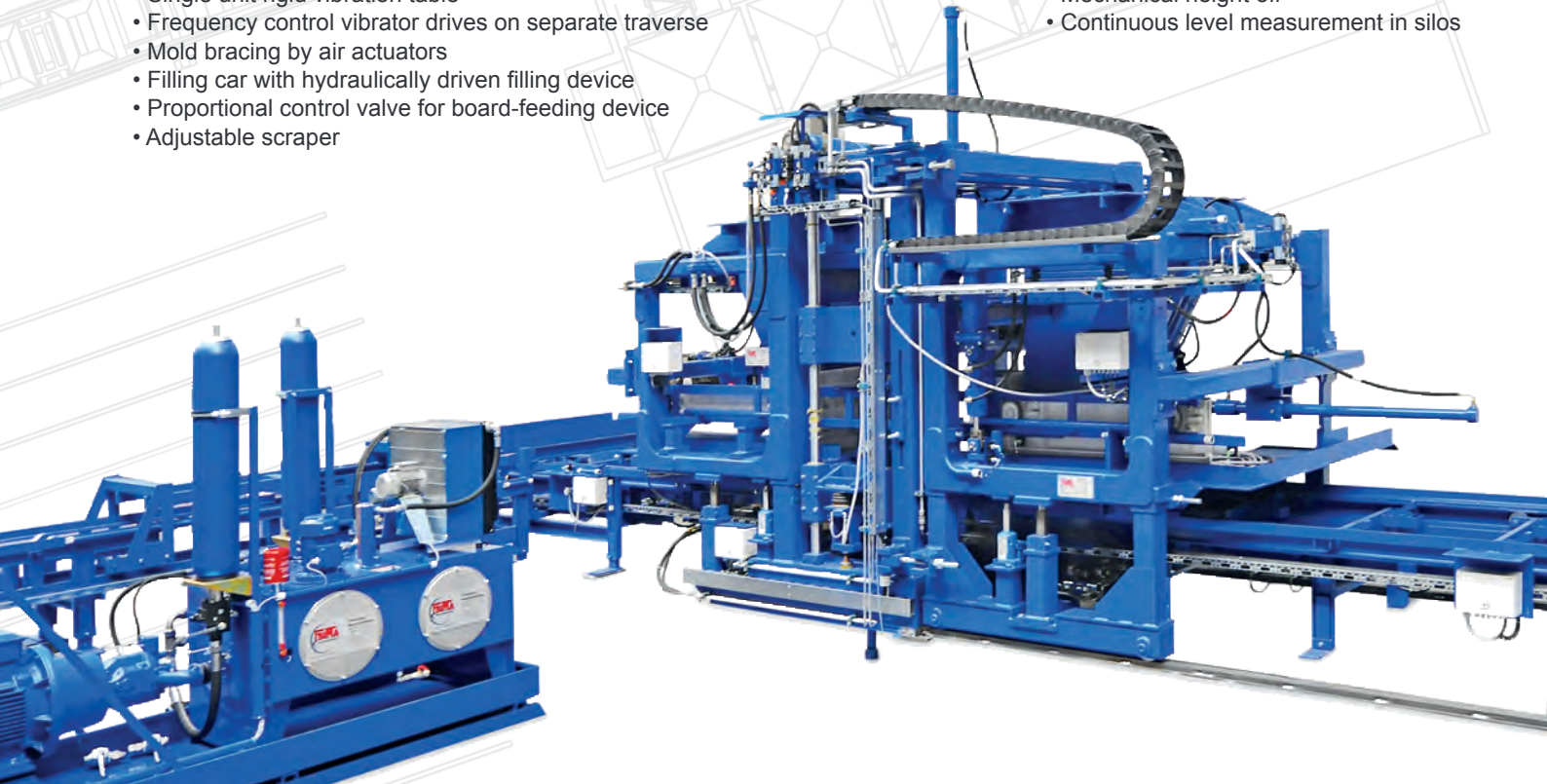
The P 650 offers the production of the whole range of building materials such as: concrete paving stones, curb stones, concrete blocks, bricks/ concrete hollow blocks, garden elements, etc.

TECHNICAL FEATURES

- Board size: 1400 x 670 mm min. or 1520 x 670 mm Max. with feet
- Production Height: 40 mm to 300 mm
- Fully automatic control and visualization systems
SIEMENS S7 and Win CC Flexible
- Compact plant design
- Single unit rigid vibration table
- Frequency control vibrator drives on separate traverse
- Mold bracing by air actuators
- Filling car with hydraulically driven filling device
- Proportional control valve for board-feeding device
- Adjustable scraper

Depending on version:

- 2nd Filling device for face-mix concrete
- Cross-cleaning
- Colourmix
- Drawing sheet pulling device
- Device for insulating brick production
- Mechanical height off
- Continuous level measurement in silos



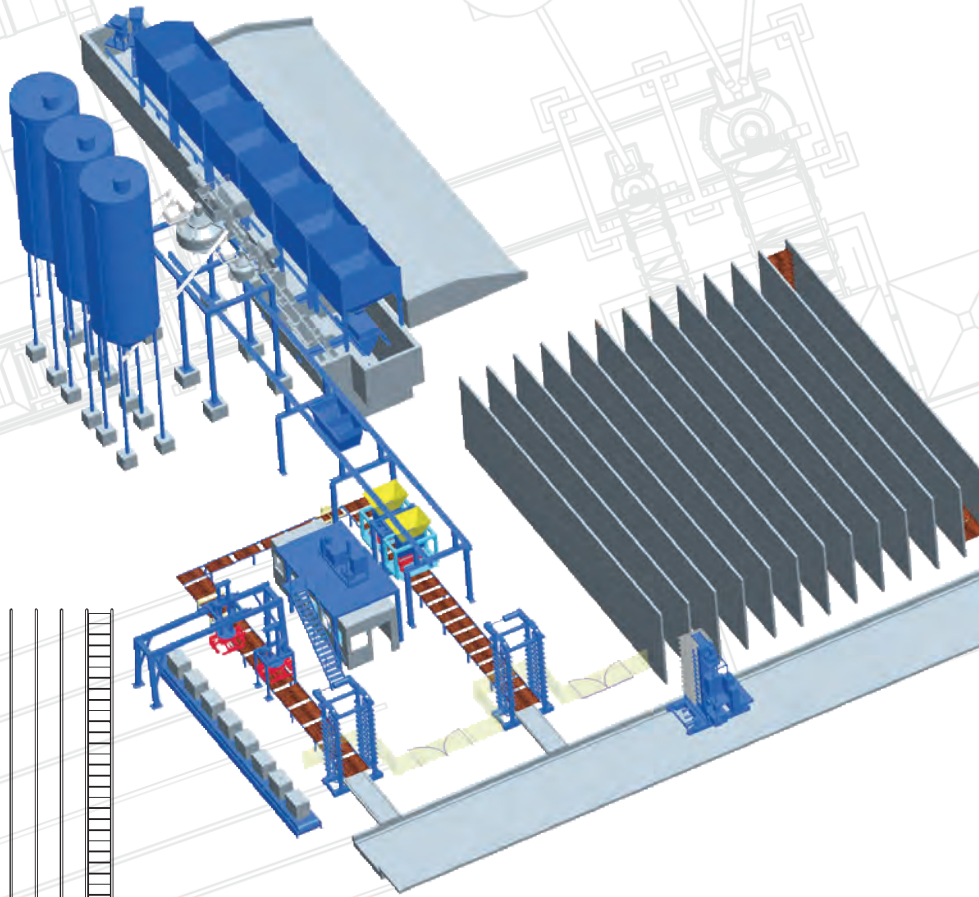
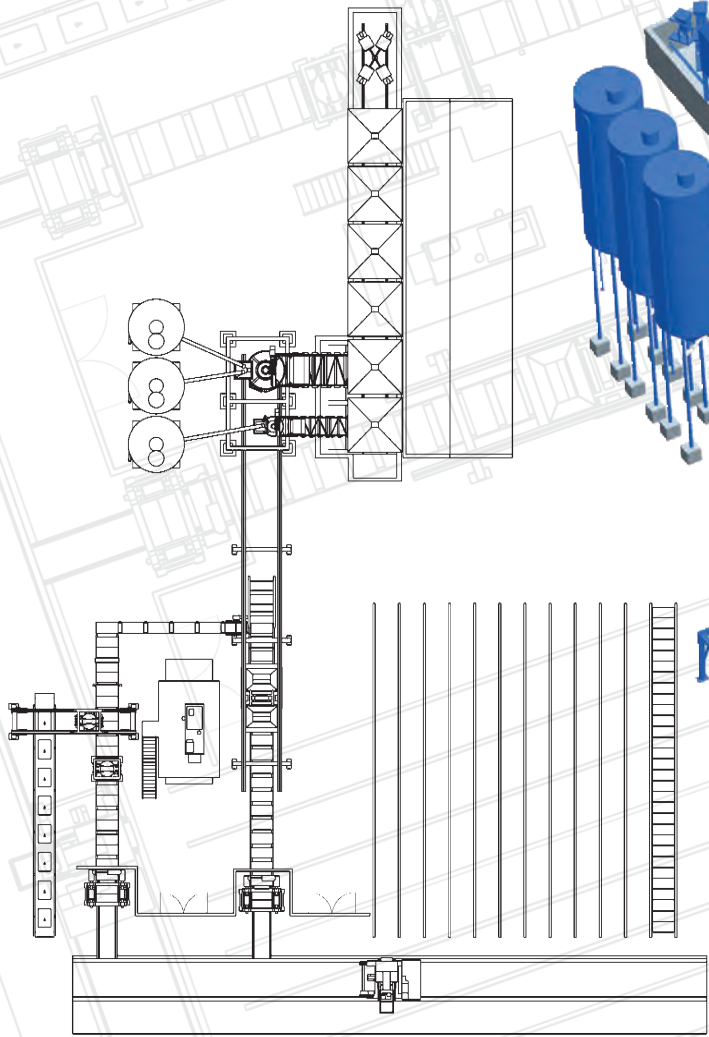
FRIMA CONCRETE BLOCK PLANT P 650

- Block machine with one or two filling devices
- Wetline conveyor (hydraulic pusher)
- Stone brush
- Elevator
- Finger car
- Lowerator
- Dryline conveyor
- Cuber
- Stone cube transport
- Board brush
- Boards turner
- Board return conveyor

MIXING AND BATCHING PLANT P 650

- Aggregate silos
- Moving scale
- For mixer
- Planetary base mixer with skiphoist
- Planetary fine mixer with skiphoist
- Cementsrews
- Cement scale
- Admixture pump
- Moisture control
- Colorstation (option)
- Bucket conveyor







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



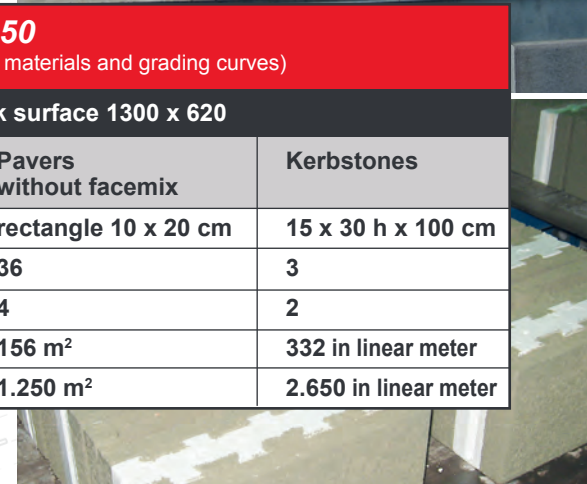
performance data FRIMA HP650

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

size of the board 1400 x 670

work surface 1300 x 620

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	9	36	36	3
cycle per minute	3	3	4	2
output in 1 hour	1.438	119 m ²	156 m ²	332 in linear meter
output in 8 hours	12.000	950 m ²	1.250 m ²	2.650 in linear meter





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