

Technical Data	KRS 4	
Min. board size (mm)	1.300 x 900	
Max. board size (mm)	1.500 x 1.300	
Product height (mm)	30** - 500	
Weight of machine with face mix (kg)	31.000	
Machine dimension with face mix (m)	11 x 3x 5	
Vibration force (kN)	0 – 225	
Connection value (kW)	150	
Control system	Siemens S7	

Performance data*	Board size 1.400 x 1.100	Board size 1.400 x 1.300
Paver without face mix (200 x 100 x 80 mm) • cycle time (s) • m ² in 8h	9 - 11 2.820 - 3.450	9 - 11 3.140 - 3.840
Paver with face mix (200 x 100 x 80 mm) • cycle time (s) • m ² in 8h	11 - 14 2.220 - 2.820	11 - 14 2.470 - 3.140
Hollow block (390 x 190 x 190 mm) • cycle time (s) • pieces in 8h	12 - 14 24.680 - 28.800	14 - 16 32.400 - 37.030
Curb stone with face mix (1.000 x 150 x 300 mm) • cycle time (s) • pieces in 8h	23 - 25 6.910 - 7.510	23 - 25 6.910 - 7.510

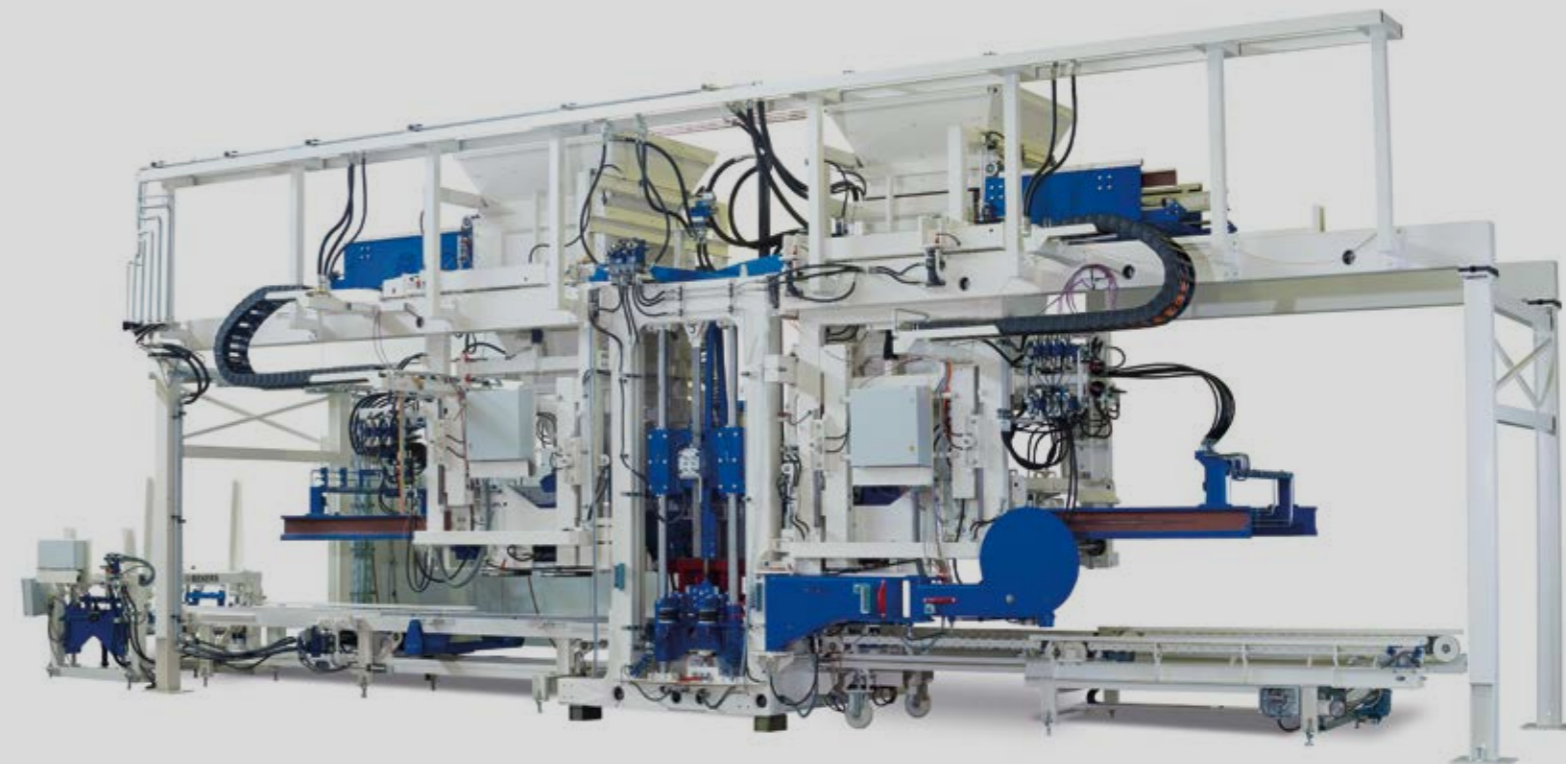
* The performance data is based on the max. board size and does not consider an efficiency factor. The performance is dependent on the machine settings, mix designs, aggregates used as well as on other environmental conditions.

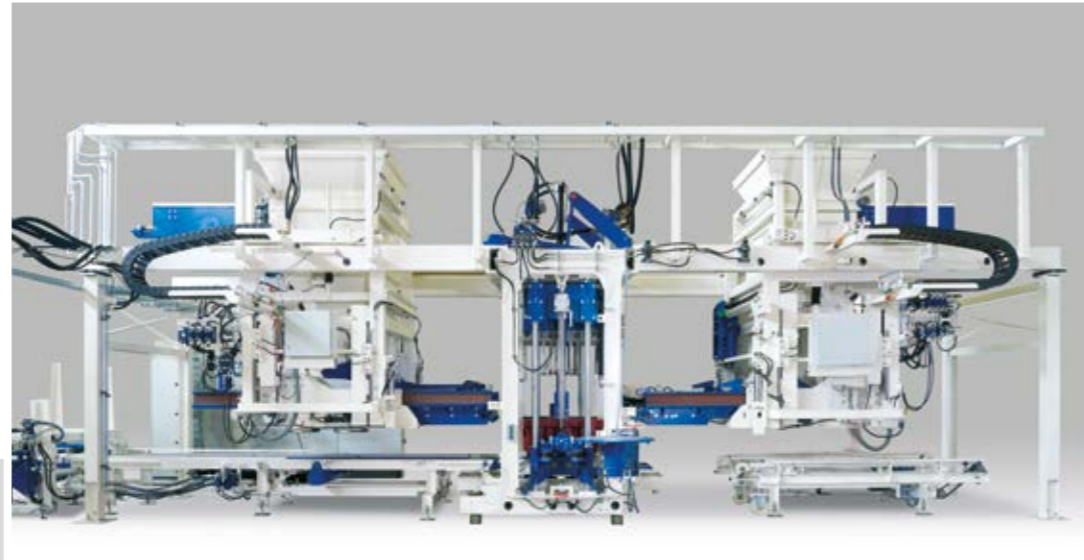
** At 30 mm product height the board will not be lifted by the walking beam system.



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in
Germany**

Block machine KRS 4





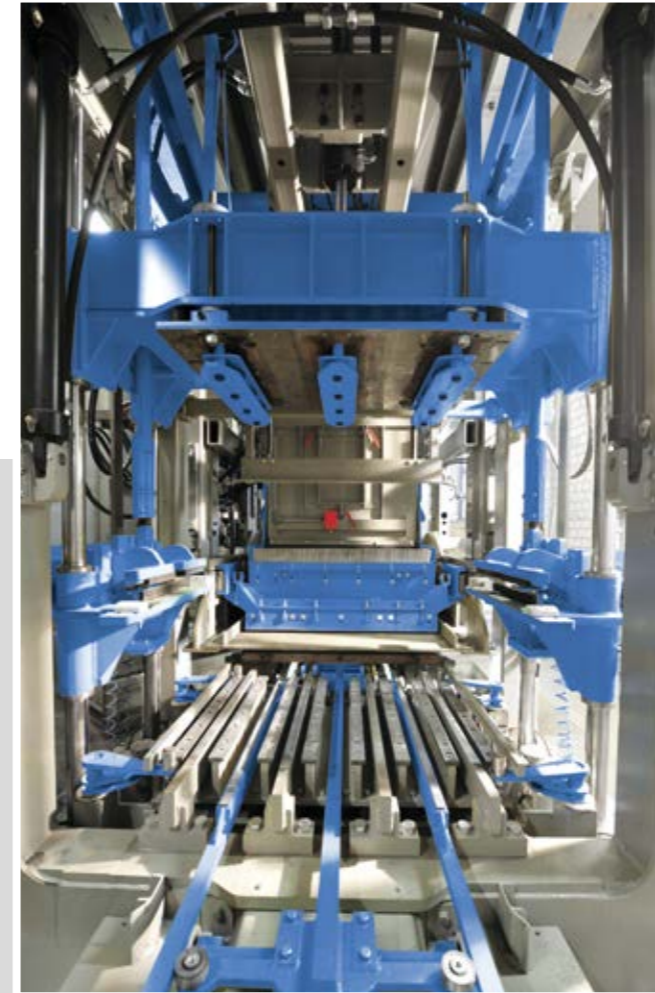
Block machine KRS 4

The universal block machine from REKERS stands for the efficient production of light concrete as well as heavy concrete products. With its intuitive operation, it is exactly the right machine for the economical production of pavers, large slabs, kerbstones, edgers, hollow blocks as well as solid blocks and special products.

Machine is built out of a solid and large machine frame made of MSH profiles and has many high end standard features, such as movable face mix unit with hydraulic locking at the machine frame, motor-driven height adjustment for feed box and hopper cantilever type filler boxes with servomotor drive, pneumatic fast clamping unit for mould and tamper, as well as the REKERS Vario-Servo vibration system and walking beam system for gentle board movement.

The KRS 4 can be fitted with several additional option:

- tamper head brush longitudinally and across
- rotating tamper head brush
- draw plate
- core puller
- central greasing system
- hydraulic movable scraper front and back
- movable coarse mix unit
- planning roller
- horizontal table plate adjustment
- color-mix draw plate for coarse and face mix
- inserting device for styrofoam
- mould change system

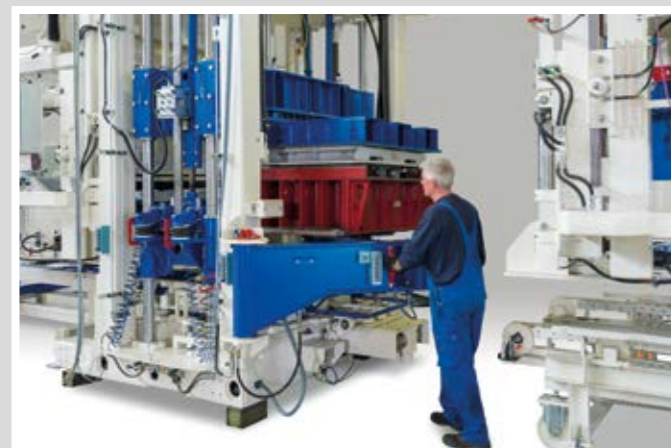


Mould and tamper clamping

The pneumatic fast clamping unit for mould and tamper ensures an efficient and easy mould change, hereby increasing the productivity.

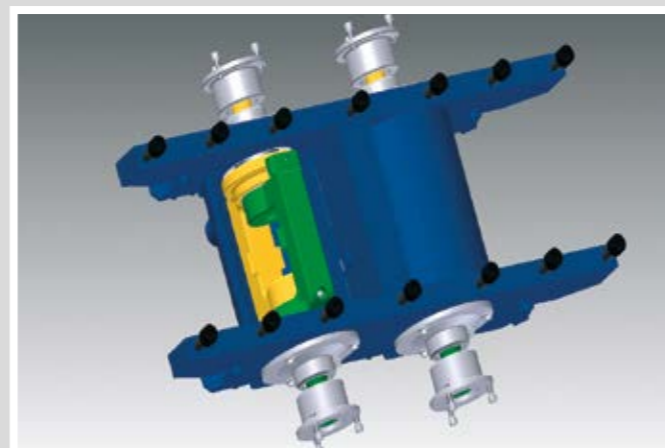
Board pushing

The hydraulically driven board pusher (walking beam conveyor), including adjustable braking and acceleration ramps, ensures even in case of very high pushing speed, a smooth and gentle transport of the fresh products and boards.



Mould change

By opening the face mix unit, one has free access to the machine for changing the moulds and for cleaning purposes. Mould and tamper can be swivelled directly into the centre of the machine by means of our REKERS mould change unit.



Vibration system

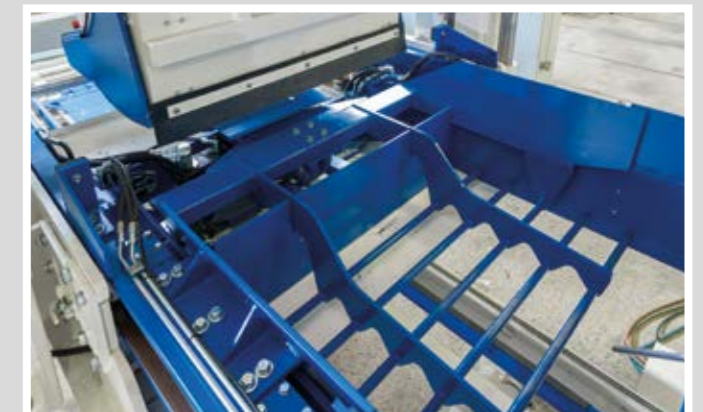
The REKERS Vario-Servo vibration system including adjustable amplitude and variable vibration frequency, ensures a fast and optimum compaction for all products. The vibration force can universally be adjusted from 0 to 225 kN.



Feed Box

The coarse mix feed box as well as face mix feed box is cantilevering which enables a good accessibility and easy cleaning. The feed box is adjustable in height by means of electrical spindle drives.

A special feature is the servo drive of the filler boxes, which not only mean a high amount of energy saving, but also guarantee a fast and even filling of the mould. To achieve an improved mould filling, the coarse mix feed box is equipped with a shuttle, driven by hydraulic motor / eccentric



Control system – Siemens S7 SPS

An integrated PC is used for the machine and control parameter management. An extensive process visualization, mould management and operational data processing, as well as error diagnostic and the typical REKERS function step display allows for an intuitive operator control.