

Technical Data		KRS 3
Min. board size (mm)		1.300 x 900
Max. board size (mm)		1.500 x 1.300
Product height (mm)	frequency controlled Vario-Servo	30** - 300 30** - 500
Weight of machine with face mix (kg)		29.000
Maschinenabmessungen mit Vorsatz (m)		6,5 x 3 x 5
Vibration force (kN))	frequency controlled Vario-Servo	0 - 177 0 - 225
Connection value (kW)	frequency controlled Vario-Servo	90 120
Control system		Siemens S7



## Block Machine KRS 3

Performance data*	Board size 1.400 x 1.100		Board size 1.400 x 1.300	
	frequency controlled unbalance vibration	Vario-Servo- Vibration	frequency controlled unbalance vibration	Vario-Servo- Vibration
Paver without face mix (200 x 100 x 80 mm) • cycle time (s) • m <sup>2</sup> in 8h	11 - 13 2.390 - 2.820	9 - 11 2.820 - 3.450	11 - 13 2.660 - 3.140	9 - 11 3.140 - 3.840
Paver with face mix (200 x 100 x 80 mm) • cycle time (s) • m <sup>2</sup> in 8h	13 - 16 1.940 - 2.390	11 - 14 2.220 - 2.820	13 - 16 2.160 - 2.660	11 - 14 2.470 - 3.140
Hollow block (390 x 190 x 190 mm) • cycle time (s) • pieces in 8h	15 - 17 20.330 - 23.040	12 - 14 24.680 - 28.800	17 - 19 27.280 - 30.490	14 - 16 32.400 - 37.030
Curbstone with face mix (1.000 x 150 x 300 mm) • cycle time (s) • pieces in 8h	28 - 30 5.760 - 6.170	23 - 25 6.910 - 7.510	28 - 30 5.760 - 6.170	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.





**Block Machine KRS 3**

Our Rekers block machine KRS 3 is a hydraulically driven universal block machine including optional servo-motor variable vibration system and it is characterised by a high performance and an outstanding flexibility.

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.

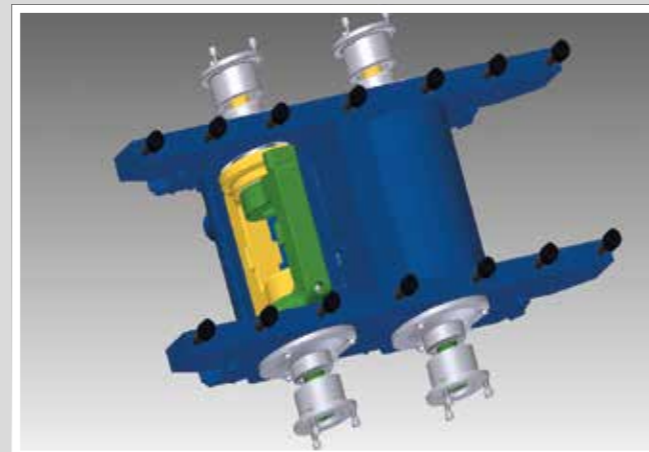
**The KRS 3 can be fitted with several additional option:**

- Vario-Servo-Vibration
- central greasing system
- tamper head brush longitudinally and across
- color-mix draw plate for coarse and face mix
- rotating tamper head brush
- inserting device for styrofoam
- draw plate
- mould change system
- core puller
- hydraulic movable scraper on the feed boxes



The complete face mix feed box of our KRS3 can be unlocked and swivelled sideways, in order to ensure an easy mould change and cleaning of the machine.

The swivel direction is individually determined for each project.



**Vibration system**

The frequency-controlled unbalance vibration of our KRS3 is a standard equipment. Optionally, a servo-motor variable vibration system can be quoted for our KRS3 block machine.



**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.



**Feed Box**

Both coarse mix feed box as well as face mix feed box can optionally be equipped with movable scraper on the front and back of the feed boxes. With this the concrete is collected into the feed boxes.

The feed box is equipped with an integrated shuttle for a uniform mould filling which results in a significantly improved product quality.



**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.