

Progressive edge processing

Just before the Verona show Burkhardt present their further developed machine programme in the field of edge processing:

Edge grinding and polishing automat KSA 579 and KSA 579 V-groove – perfect edge and precise work

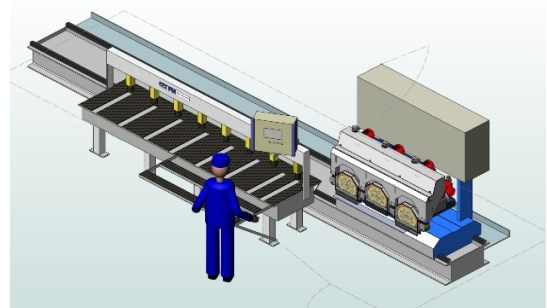
For the automatic processing of edges of workpieces made of granite, marble and engineered stone, with upper and lower chamfers, calibrating, vertical and horizontal grooving, angle cutting, profile milling and vertical cutting this edge grinding and polishing automat ist he perfect solution. The operation is easy owing to touch-screen. A flexible contraction offers individual equipment with additional tool slides.

The movable **edge grinding and polishing automat KSA 579 V-groove** enables the grinding of V-grooves into facing slabs to a constant height.

The machine slides and supports are welded-steel structures. The guide rails run on a steel substructure, are suited for direct mounting on industrial floors and require no foundation works. The substructure of the rail has been galvanized. The rail heads can easily be replaced. The stationary side is equipped with linear guides and ball monorail guidance systems for high working accuracy. The rail is covered by bellows. The moveable side is equipped with antifriction-bearing mounted rollers. The feed drive can be adjusted continuously. The operating speed V ranges from 0.5 to 4 m/min. A longitudinal feed path measuring system and a sensor for the detection of the workpiece starting and end points are also included in the equipment of the machine.

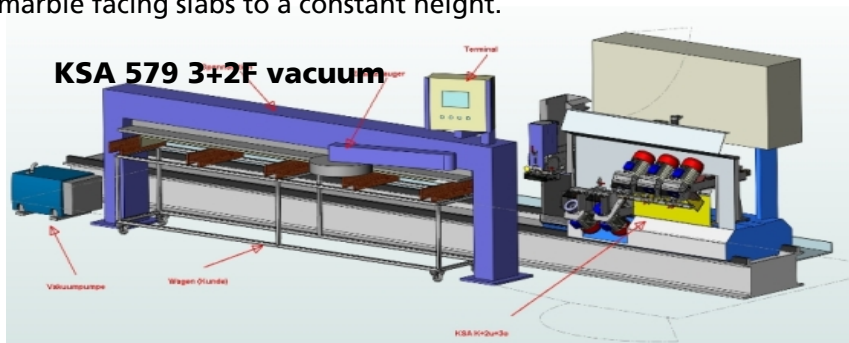
V-groove milling units

The three V-groove milling supports can, independent of each other, be motor-adjusted in vertical direction. Each of the three main drive motors has a driving power of 15 kW and can separately be adjusted in a continuous manner. The option to adjust the milling supports, which have all been mounted on a joint base plate, in lateral direction (position freely selectable within a range from 20 up to 150 mm) is another integrated feature



Edge grinding and polishing machine KSA 579 3+2F vacuum

The KSA 579 3+2F vacuum is the movable edge grinding and polishing machine for the production of polished upper and lower chamfers and for the calibration of the lower edges of engineered stone, granite or marble facing slabs to a constant height.



The machine slide is a welded-steel structure. The guide rails run on a steel substructure, are suited for direct mounting on industrial floors and require no foundation works.