

**Burkhardt at the 45th Marmomacc in Verona, Italy,  
from September 29 to October 2, 2010 in Hall 4, Stand E 4**

## **State-of-the-art Machining of natural stones from one single source**

Creativity and know-how for each application characterize BURKHARDT GmbH. On this basis the company disposing of a skilled development and construction team as well as modern production facilities has expanded and optimized its established product range comprising the brands Hensel and Carl Meyer as well as Schlatter and Arbes.

During the Marmomacc show in Verona from 29<sup>th</sup> September to 2<sup>nd</sup> October 2010 Messrs Burkhardt present top technology and a full-line performance and supply spectrum. The new solutions offer continuous work flow and economic and high quality stone processing. The main focus is on innovative technology and approved concepts of partially full-automatic plants and machines of stone processing for the finishings, the industrial manufacture of kitchen countertops, solid building elements and monuments.

Highlights are the following types:

- **Sawing plant CSA 598 – continuous workflow and flexibility**

In 5 steps to the finished workpiece due to the fully automatic high-performance sawing plant:

1. Scanning by means of digital camera
2. The user-friendly software automatically determines optimized utilization of the slabs and controls the respective workflow.
3. Cutting of slabs via sawblade which can be quickly turned through 360°C and integrated CNC control.
4. Suction devices arranged on the saw permit the workpiece to be manipulated.
5. Reinforcing and drilling, reinforcing slots and fixing holes are positioned custom-fit.

- **Sawing plant with additional tool slide for water jet cutting CSA 598 WJ – an unique trend-setting combination of a high performance bridge saw with tool slide and a high-precision 3- to 5-axes water jet machine.**

Sophisticated measurement technique ensures exact mitre cuts without compromise. „Non-stop“-operation due to a rotating sawing belt table and workpiece nesting based on slabs, which have been photographed while the machine produces guarantees an economic work flow.

- **Sawing plant CSA 567 – one solution for many applications**

Fully developed technology formed the versatility of the plant for solid structure and monuments and cares for an efficient workpiece processing with a customized working area to meet individual specifications, workpiece nesting based on slabs, which have been photographed while the machine produces, workpieces up to 1.5 tons can be manipulated as well as 5-axes processing of profiles, drilling, milling, etc.

- **Edge grinding and polishing automat KSA 579 – The perfect edge and precise finishing**

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 automate is the perfect solution. Easy operation via touch-screen. A flexible construction enables individual equipment with additional tool slides. The moveable version enables the grinding of V-grooves into facing slabs for interior fitting.

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

- **Machining Centre with rotary table BAZ 595-D – Universal machining of stones in compact size**

With the BAZ 595-D company BURKHARDT sets new standards in stone processing and offers a high quality machine for manufacturing selected products. The already launched 4-axes machining centre now comes on the market as a 5-axes version. The machining centre features two integrated benches for two-way loading and machining. A solid cast iron construction absorbs all vibrations. The machine is simply placed on the hall floor, so that no additional foundation work needs to be performed.

Please read here for more information about our machinery

[www.burkhardt-bayreuth.de/Hensel-CM-Steinbearbeitung ...](http://www.burkhardt-bayreuth.de/Hensel-CM-Steinbearbeitung...)  
(also refer to „Innovations“)

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