Breton Genya
is the advanced cnc machining center that maximizes the kitchen tops production process by serializing internal finishing operations.
The machine is equipped with Breton patented Cutting System for the high peripheral speed cutting of sintered materials by means of a special spindle provided with:

- torque curve designed to deliver the Newton Meters (Nm) needed to operate high-speed saw blades;
- balancing suitable for high-speed saw blades;
- high-speed suitable configuration of the bearings

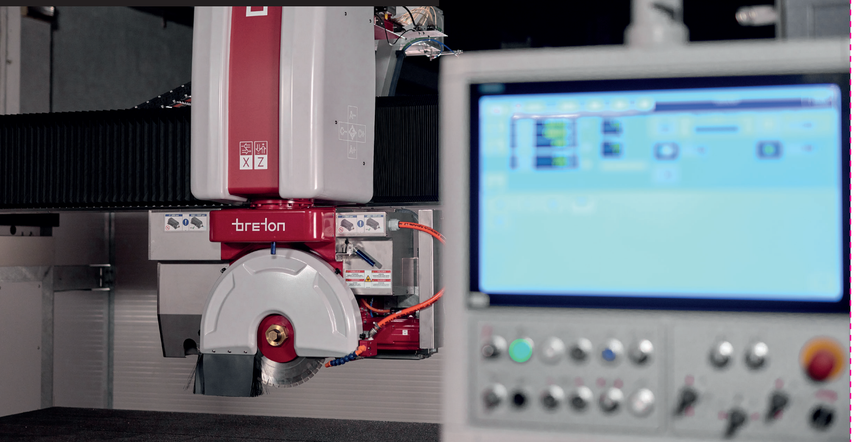
Main spindle with possibility to mount discs up to 600 mm by means of flanges and drilled central axis with hydraulic coupling for drills or cutters. Additional high-speed Rocket Tool spindle (optional) that maximizes the performance of Finger Bit tools.

EXCLUSIVE TECHNOLOGIES

Thanks to the particular type of structure (simulated with the most modern calculation tools) and the special cutting electrospindle, Genya provides the best quality and performance on different materials.

Marble | Granite | Engineered Stone | Ceramic

Scan the QR code to discover more



Breton – a pioneering developer of advanced technologies and materials – is an international leader in the design and production of state-of-the-art industrial machinery and systems to create and transform natural stone, ceramics, metals and in the development of engineered stone plants.

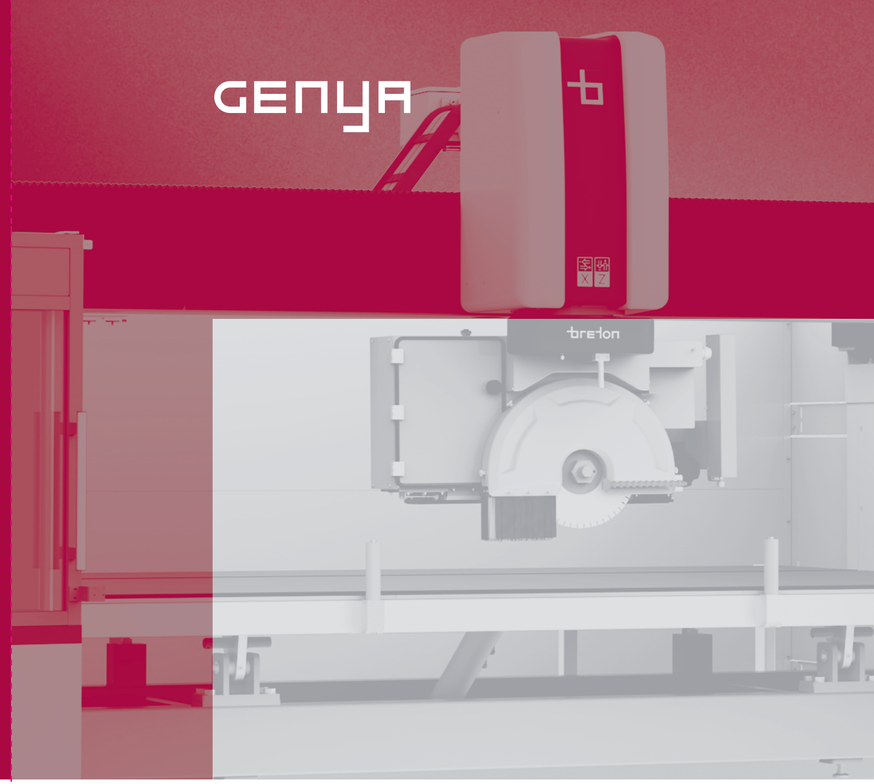
Founded in 1963 by Marcello Toncelli, with headquarters in Treviso (Castello di Godego), two other production sites in Italy and six foreign branches (USA, Australia, India, China, UK, Brazil), the company is recognized worldwide thanks to its philosophy always aimed at research.

Breton Institute of Technology

The aspiration to explore new technologies, as an integral part of the company's DNA, has led to the establishment of the BIT (Breton Institute of Technology), where the various dedicated teams design and test innovative solutions to develop materials that anticipate the industry needs.

breton.it

GENYA



The advanced 5-axis monoblock cnc machining center for cutting, profiling and drilling slabs in marble, granite, engineered stone, Lapitec and ceramic.

1

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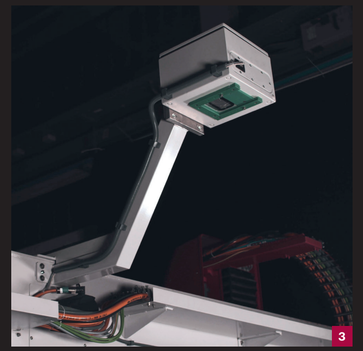
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1.
The onboard multitouch software interface to speed up the machining program

2.
Additional high-speed Rocket Tool spindle (optional) that maximizes the performance of Finger Bit tools

3.
Digital one-shot photo capture system

4.
LabelPro (optional), the automatic labelling printer on the spindle

5.
Hot-dip galvanized structures to guarantee long-life

5 reasons to choose Genya:

Smart intelligence in cutting process: Breton Touch, the onboard software, automatically suggests to the operator the better cutting schemes to optimize the surface usage.

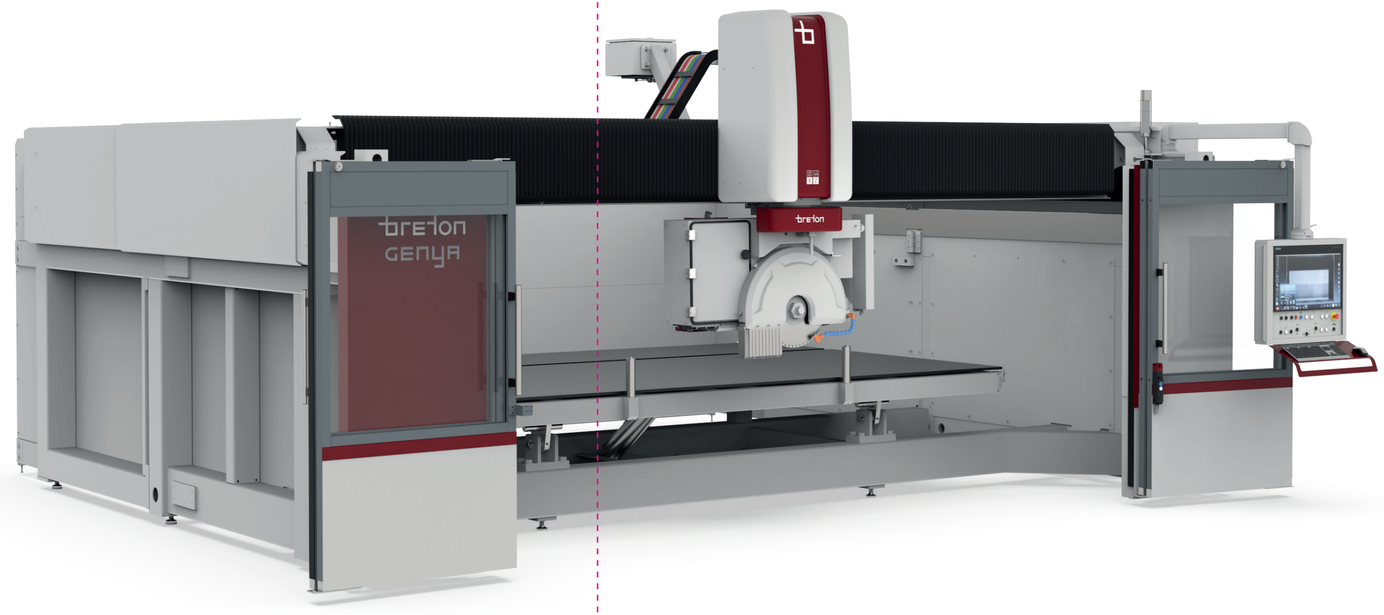
Quick installation and machine start-up thanks to the galvanized monoblock structure which requires no foundations.

Easy control despite of power, thanks to rich and extremely easy-to-use computer software interface, that enables to drive maximum Numerical Control computing calculation power.

Faster cutting thanks to automatic positioning and suction cup gripping system on the spindle.

3 tools always on board at the same time, for cutting and drilling, thanks to Rocket Tool, the additional electrospindle.

Steel hot-dip galvanized monoblock structure that allows the machine to be easily relocated in the workshop



breton GENYA

TECHNICAL DATA

Max slab sizes	3.800 x 2.400 mm	149.6 x 94.5 in
Max slab thickness	50 ~ 180 mm	1.9 ~ 7.1 in
Saw blade Ø	350 ~ 600 mm	13.8 ~ 23.6 in
X-axis (travel | speed)	3.800 mm | 45 m/min	149.6 in | 1,771.6 ipm
Y-axis (travel | speed)	2.700 mm | 45 m/min	106.3 in | 1,771.6 ipm
Z-axis (travel | speed)	320 mm | 15 m/min	12.6 in | 590.5 ipm
Motor spindle	18 kW	24 HP
Water requirement	50 l/mm	13.2 gpm
Length	6.150 mm	242.1 in
Width	7.000 mm	275.6 in
Height	2.750 mm	108.3 in