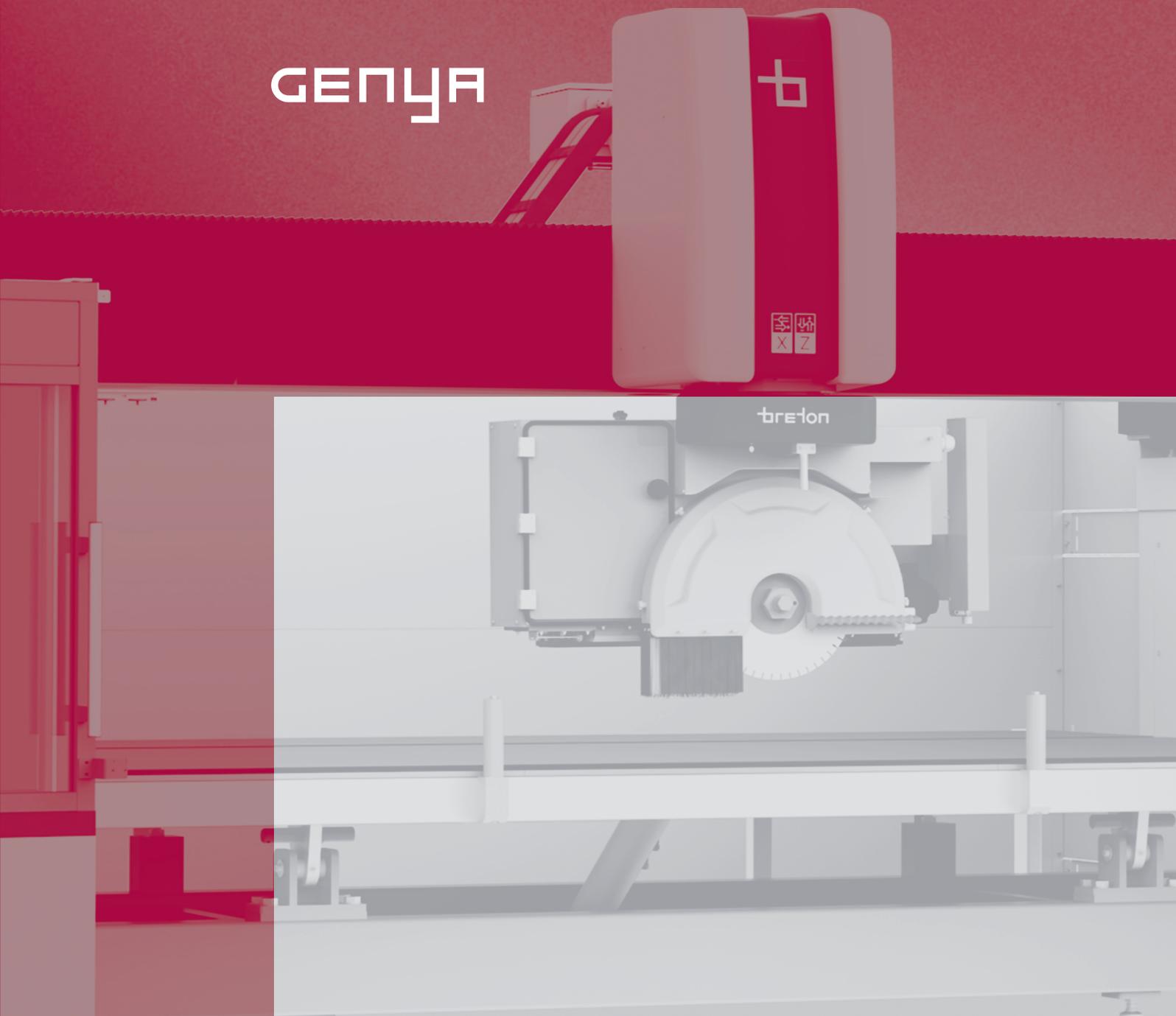


GENYA



5-axis monoblock saw blade cutting center.

The saw blade, the drill and the Rocket Tool with finger bits always ready-to-use, along with vacuum cups on board the spindle, the digital camera on board the bridge and the tilting workbench make Genya the best machining centre to make kitchen tops, vanity tops and coatings.

breton

EXCLUSIVE TECHNOLOGIES

Carefully engineered structural components combined with the latest Siemens electronics and motors and a powerful 21 kW (S6) spindle, make Genya extremely high-performing on a wide range of materials.

Marble



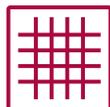
Granite



Engineered Stone



Ceramic



- 1.** Main spindle that can mount discs up to 600 mm with 1/2 Gas attachment and internal H₂O to moun drill or finger bit tools
- 2.** Rocket Tool, additional electrospindle that can reach up to 14,000 rpm on which to mount finger bits to perform curved or internal angle cuts
- 3.** Automatic label printer Label Pro on the spindle side, fully integrated with the software
- 4.** Vacuum cups on board the spindle to move the cut pieces, thus minimizing waste.

Scan the QR code to discover more



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2



3



4

Breton Genya

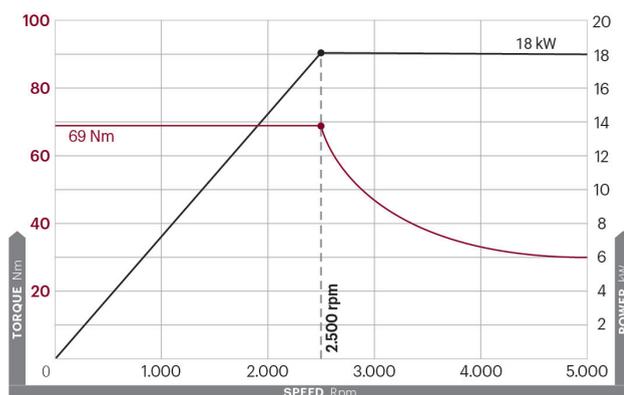
Extremely complete cutting center that provides **up to three different tools** that remain mounted and **ready for use** during the entire machining phase, i.e. the saw blade with **diameter up to 600 mm**, the drill or milling tool on the spindle axis and **Rocket Tool, a Finger Bit milling tool** particularly suitable for internal angle cuts.

The **tilting workbench**, the **vacuum cups on board the spindle**, the **camera on board the bridge** and the **probe** make the phases of loading/unloading, set up and cut pieces movement much faster and safer, **avoiding material waste and downtime**. All this affects productivity and, thanks to Genya, it is possible to **finish more pieces in the same amount of time**, thus increasing revenues. Moreover, Genya **stands out for its reliability**. All components, both mechanical and electronic, are of high quality and **assembly is carried out by**

experienced Breton technicians; this guarantees a long product life and a very low percentage of unforeseen events.



Powerful 21 kW spindle (S6), specifically designed to deliver high torque to maximize the potential of high-performance discs.



Layout macchina completamente rinnovato

5 reasons to choose Genya

1 / Speed of movement and high torque to increase productivity

The structural components minutely designed and assembled in Breton, along with **the latest generation of Siemens motors and electronics**, are the perfect starting point for a high-performance cutting center.

The powerful **standard spindle up to 21 kW** in S6 provides all the power and torque required to take full advantage of high-performance discs, **increasing productivity by up to 50%**.

Fast movement of the axes is guaranteed by the **racks with inclined teeth** that, compared to straight ones, carry greater load, last longer and reduce operating noise.

The vacuum cups with Venturi system placed on the spindle, compared to traditional vacuum cups, evacuate the air, water and dirt directly at the source with the advantage of not clogging the ducts and avoiding failures or unwanted release of the piece. The increase in productivity together with the reduction in downtime make **Genya the most efficient cutting center on the market**.

2 / Rigid monoblock structure with integrated tilting table

The **monoblock structure** machined from a single piece and then **hot-dip galvanized** offers both the robustness needed in the heaviest operations and a **great corrosion resistance over time**. This type of structure, specifically designed to **deliver the machine to the customer already assembled**, allows it to be easily relocated within the company, as it **does not require foundations**.

The **tilting work table**, integrated in the monoblock structure, **goes down to the floor**, making slab loading/unloading particularly easy and safe.

3 / It has everything needed to finish the piece

In addition to the saw blade, Genya allows mounting **a milling or drilling tool** on the motor axis, which remains on board also during the other working phases. Moreover, it is possible to have the **Rocket Tool system** (optional) consisting of an additional electrospindle that can reach 14,000 rpm, on which to mount **finger bits to perform**

internal angle cuts. With three tools ready to use, you can quickly perform **all the machining required to create a kitchen or vanity countertop** on the Genya, without unloading/loading the part on other machines.

The **OSOB digital camera installed on board the bridge** is in the right position to capture the image of the slabs that have just been loaded, while the vacuum cups on the spindle edge, moving the just-cut pieces, allow to **minimize material waste**

4 / Control and software with an edge

The **Siemens 24" touch screen** control panel improves the programming phase, allowing the operator to do everything from the screen. In fact, the **Breton Touch interface** allows interacting with the system as if it were a tablet; **positionings and measurements are made with the movement of the fingers** on the screen, guided step by step. The software runs on Windows 10 and can be used in **two modes: Easy e Advanced**.

The Easy mode is designed for less experienced operators and to program and perform simple operations in a few steps.

With **Breton Vein matching** it is possible to plan cutting operations by combining up to 8 slabs and matching their veins to obtain the continuous vein effect, all while **visualizing in 3D the final effect**.

5/ Accessories for every need

Genya already includes a **wide range of standard equipment**, but Breton has prepared a series of accessories to meet special needs.

On the main spindle side, it is possible to install the **Rocket Tool** or the **Label Pro automatic printer** that identify and track cut pieces, allowing them to be followed until their installation. With the addition of the **mobile control panel**, the operator can enter the machine and perform special operations while maintaining careful visual control. The **thin thickness kit** allows installing thin core and tooth discs for cutting on ceramics or when you want to limit tool waste. But there's still much more.



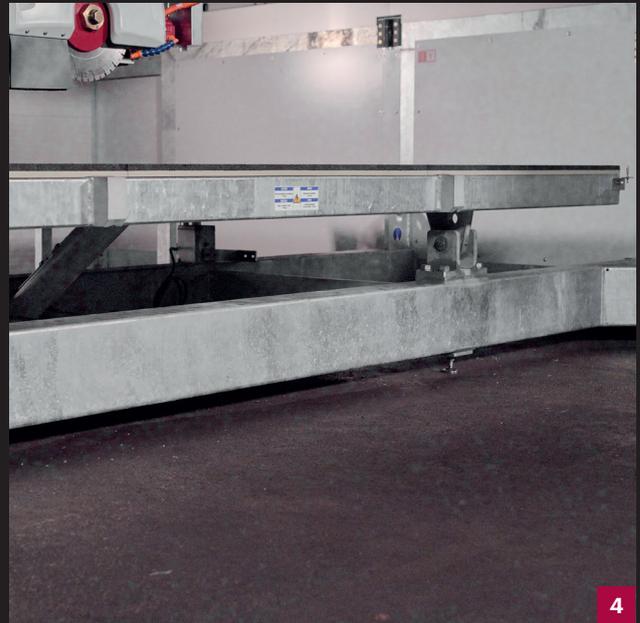
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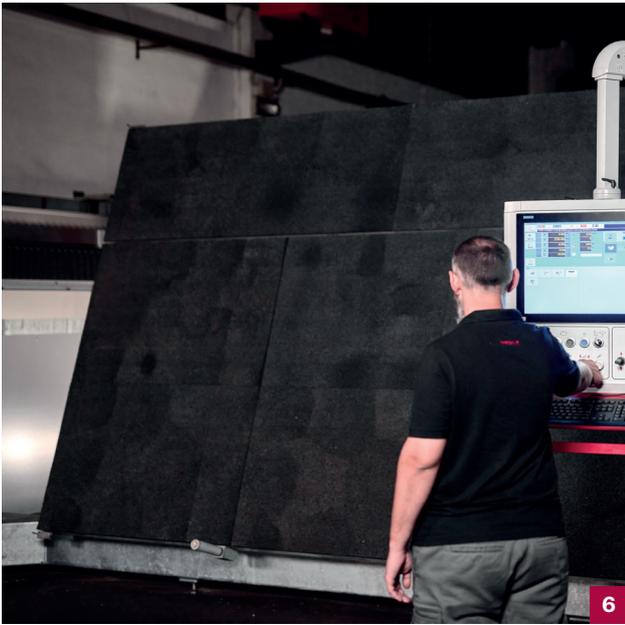
1. Siemens 24" touch screen control panel for a better operator interaction

2. Probe on board the spindle that detects the slab thickness in order to start cutting from an optimal height

3. Electric cabinet corner and tidy utilities to simplify check and possible interventions

4. The entire monoblock structure is machined from a single piece that is then hot-dip galvanized

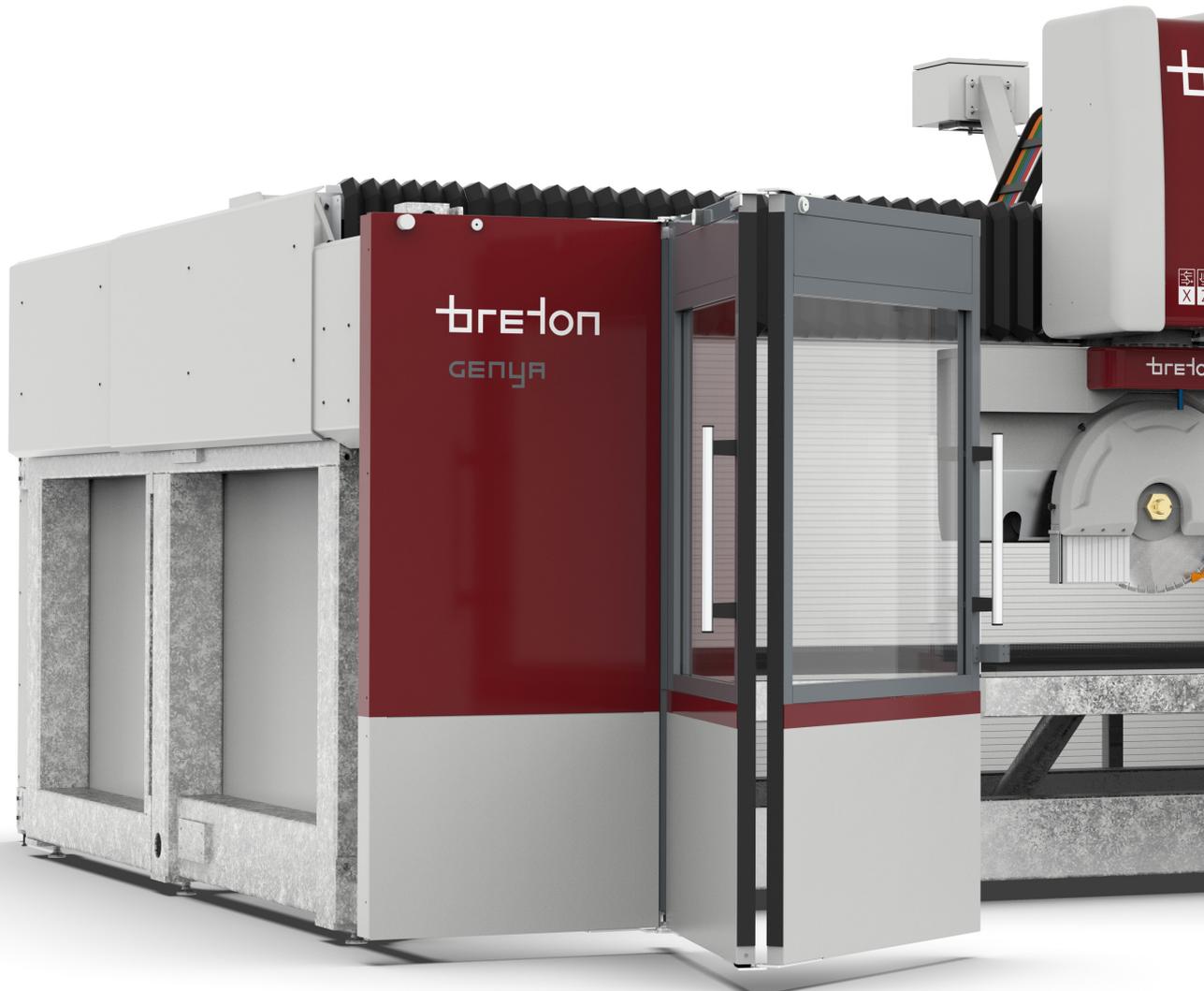
5. New more robust and rigid spindle unit



6. Tilting work bench that goes down nearly to the floor with rubber coating to increase the grip



7. Digital camera OSOB installed on board the bridge, perfectly perpendicular to the bench for high quality images



Technical Data

Workbench dimensions	3.800 x 2.400 mm	149.6 x 94.5 in
Saw blade diameter (min/max)	350 600 mm	13.8 ~ 23.6 in
Max workable thickness (with saw blade)	180 mm	7.1 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
C-axis rotation	±190°	
A-axis rotation	0 ~ +90°	
Spindle power (S1 / S6)	18 / 21 kW	24.1 / 28.2 HP
Total weight	5.900 kg	13.007 lb
Dimensions		
Lenght	6.150 mm	242.1 in
Width	7.000 mm	275.6 in
Height (with camera)	2.750 mm	108.3 in



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.



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