EXCLUSIVE TECHNOLOGIES

Granite

is the advanced 5-axis cnc machining center for cutting big thickness pieces in marble and granite.

It is a machining center that meets all the production needs for the workshop that, in addition to processing slabs, also machines pieces for the construction industry in general. Thanks to Optima, the system of Breton vacuum cups positioned on the back of the spindle, and to the Breton Touch software, SpeedX is able to maximize the working surface of the slab, thus reducing waste.

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



Being able to install discs from 400 to 800 mm, it can operate at its best both on thin slabs and on very thick blocks

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 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.

Scan the QR code to discover more

breton.it





The advanced 5-axis cnc machining center, for cutting big thickness pieces in marble and granite.













The Venturi vacuum system ensures slab lifting even on an unclean or damp surface

When equipped with a 10,000-rpm spindle (optional), it is possible to install ISO 40 tools by means of the practical front manual attachment

Multitouch, the onboard computer software interface comparable to a smartphone

Double motorization on the head for greater torsional rigidity even in the heaviest operations

5.

Water barrier system on the back side of the sump for spray removal when working with small discs

5 reasons to choose SpeedX:

automatic positioning and suction cup gripping system equipped on the spindle.

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

to-use computer software interface, that enables to drive maximum Numerical Control computing calculation power.

Element Method) and FMEA (Failure Mode and Effect analysis) design.

Particularly rigid and robust structure, thanks to the optimization with FEM tools that allows obtaining very high cutting precisions.



threton speedx

TECHNICAL DATA

10.2 in

39 HP

189 in

255.9 in

149.6 in

13.2 gpm