

CHEVRON

LAMINATED GLASS PROCESSING
TOOLS FOR CNC AND VERTICAL
MACHINES



DIAMUT

THE NEW DIRECTION



THE MARKET DEMANDS

New solutions for the machining of laminated glass to ensure increased durability and superior performance when compared to glass machined with the tools currently used for this application.

DIAMUT RESPONDS

with **Chevron**, the new line of Diamut grinding wheels designed for machining laminated glass on vertical and CNC machines, revolutionising current quality standards in this tooling sector.

- EXCEPTIONAL FINISH QUALITY.
- SUPERIOR MACHINING PARAMETERS.
- INCREASED GRINDING WHEEL DURABILITY.
- WIDE RANGE OF DIAMETERS AVAILABLE.
- FOR CNC AND VERTICAL MACHINES.

SUPERIOR PERFORMANCE



THE DEFINITIVE SOLUTION FOR LAMINATED GLASS

The new arrow-cutting profile has been specially designed to optimize the removal of the plastic film and to ensure removal capabilities that have never been achieved previously with traditional tools. Furthermore, compared to a standard tool, the new V-shaped design limits and delays the generation of the classic cutting at the centre of the groove caused by the plastic film which affects the performance of the tool.

RESULTS WHICH GO ABOVE AND BEYOND ALL CURRENT STANDARDS

The new, innovative arrow profile allows the Chevron grinding wheel to channel the water to the centre of the tool, facilitating cooling and thus improving the performance and the final result.

AN EXTENSIVE RANGE FOR ALL MACHINING REQUIREMENTS.

The Chevron line of tools is available in a wide range of different configurations according to the machining operation and the type of machinery on which this will be performed. The tool is available in 100mm, 150mm and 200 mm diameters, and can be mounted on both CNC and vertical machines, for trapezoidal, flat and groove profiles.





**INNOVATIVE
TECHNOLOGY
FOR INCREASED
DURABILITY**

The new structure of the Chevron and the state-of-the-art materials used in its construction ensure a twofold increase in durability when compared to a tool with a traditional profile*.

* (Reference test carried out on the 200mm diameter grinding wheel. Grain D151. Metres worked > 5000 with 3 applications with a feed rate of 12m per minute. Removal 1mm).



INNOVATION ON MEETS QUALITY

DIAMUT: CUTTING EDGE TECHNOLOGY

Diamut create custom-made blends of diamond and alloy, developing tools according to the needs of the customer and testing these in the field. Using high-technology tools, users can machine any material, from stone to concrete, ceramics, glass and synthetic materials. Diamut's in-depth knowledge of the different machines on the market

together with the ability to vary material blends in individual tools for optimal performance allows the brand to provide a tailor-made solution for every machining requirement, on any machine. Diamut is part of the Biesse Group, a global leader in the production of machinery for the machining of glass, stone, metal, plastic and wood



LIVE THE EXPERIENCE



Interconnected technologies and advanced services that maximise efficiency and productivity, generating new skills to serve better our customer.

**LIVE THE BIESSE GROUP
EXPERIENCE AT OUR CAMPUSES
ACROSS THE WORLD**

