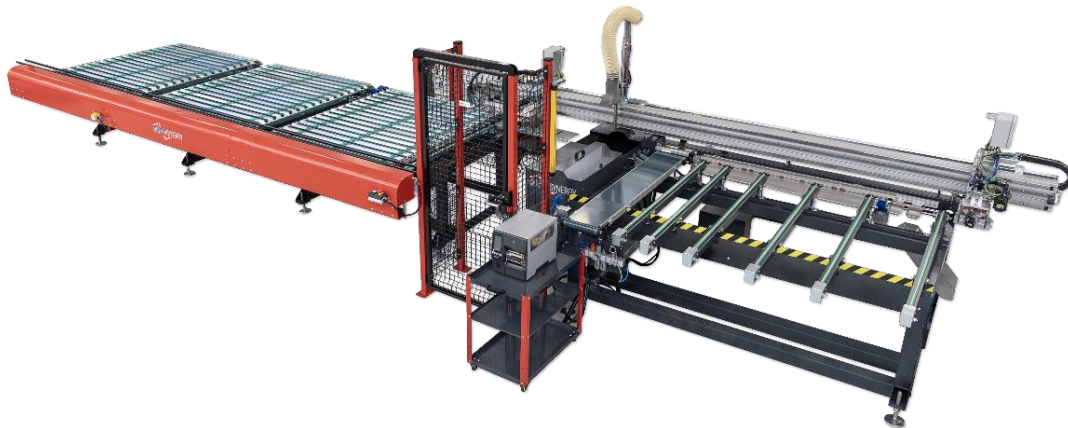


Cutting centre for PVC glazing beads

Controlled-axis cutting centre designed for **precision cutting PVC glazing beads**.

Built in an **extremely robust and reliable** steel and aluminium structure, this automated system enables glazing beads to be cut very quickly and automatically to the required length through controlled axis movements.

Presentation



Productivity and Precision

Equipped with a movable **cutting carriage with a fixed 45° angle**, the GBA 200 features a cutting set with **2 main Ø200mm blades and 2 secondary Ø98mm blades** designed for trimming the ends of the glazing bead fixing foot.

The vertical adjustment of the workpiece stop is also possible. Thanks to the fully automated work cycle, operator involvement is limited to only loading the pair of glazing bars and collecting the finished parts, which are sequentially placed on the unloading table.



5 reasons to choose GBA 200

Cutting-edge solutions

- ✓ **Fully automated cutting management.**
- ✓ **High cutting quality and speed:** Thanks to high blade rotation speed.
- ✓ **High flexibility:** for the insertion of new glazing beads, you are not bound to the shape of the countershim; they are only to be added in programming.
- ✓ **High Accuracy:** advanced glazing bead gripping system that simulates final assembly, ensuring perfect matching of cuts in fitted corners.
- ✓ **Suction system:** removes chips and swarf, keeping the working area free of obstructions.



The unit is designed to cut **2 pieces of the equal length** simultaneously, featuring **universal countershims with numerically controlled** axes suitable for most types of glazing beads. Four pneumatic vertical clamps ensure secure positioning during operation.

The gripping system tensions the glazing bead longitudinally to prevent vibrations and bending during cutting. This **simulates the final installation with glass in place**, ensuring the profiles are cut with the same precision and grip as when installed in the window.

With the advanced software developed by GRAF Synergy, **optimal gripping and machining parameters can be automatically applied for each profile**; the profile to be cut is simply selected on the display.

The **GBA 200** also offers exceptional flexibility: new profiles can be added directly through programming, without any need to modify the gripper countershims.

To maintain a clean working environment, the machine is equipped with a **high-performance suction system** that removes all waste material and keeps the cutting area free of obstructions.

Specifications

Indicative dimensions

Length	10.000 mm
Width	2.500 mm
Height	1.300 mm
Weight	800 Kg

Details

Power	8 kW (+dust extractor1,1 kW)
Power supply	400 V three phase
Air consumption per Cycle	100 NI/min.
Exercise pressure	7 bar

Operational characteristics

Composition

System

2 Main blades Ø 200 mm suitable for PVC.
2 Secondary blades Ø 98 mm.

Preps

Cutting PVC glazing beads.

Technical characteristics

Performance

Automatic operation

Operators only for loading and unloading

Cutable Profile Dimensions

Max Height 35 mm min 15 mm

Max Length 45 mm min 18 mm

Optional

Available options:

90° blades for glazing bead cutting.

Automatic loading of glazing bead bars to maximize productivity.