

Merging automation with efficiency: bringing **Biesse** out at its best

Still excelling at innovative glass cutting solutions that meet specific production needs -also with optional features prioritising safety- Biesse's Genius CT-Next tables integrate seamlessly - ensuring reliability, productivity and precision while the company's Optic scanner enhances efficiency and its tool magazine allows diverse cuts.





Biesse has always been attentive to the development of new solutions in line with market trends. With a view to increasing automation and efficiency in materials processing the company has

created solutions for cutting both laminated and float glass over the last decade. Indeed the Genius CT-Next range was developed to respond to changes in the production process while maintaining high standards

for quality and customization. Here the three-axis cutting tables will cut float glass sheets along straight and contoured lines - perfectly-suited for integration with loading systems and breakout tables in small and medium-sized businesses.

THE NEW CUTTING TABLE OFFERS:

- Unprecedented reliability over time
- Machining productivity with top-class components
- Seamless integration into production lines with dependent loading and unloading systems
- Ease of use

GENIUS CT-NEXT

Genius CT-Next is a ready-to-use solution that guarantees high quality, performance and precision - thanks to the planarity of the work table with the base anchored to the floor. PC-controlled axle speed management and





high quality electronic and mechanical components all guarantee flexible and dynamic machining.

The operating head is fitted with an optic scanner that automatically detects the positioning of the sheet on the work table, which has a felt cover with integrated belts (retractable thanks to a 2-way drive). Precise, high-quality cuts are achieved by controlling the pressure with a proportional valve connected to a display on the head. The optic scanner automatically detects the position of the sheet without operator intervention, thereby increasing both efficiency and productivity.

The base of the machine consists of an extremely sturdy, fixed (non-tilting) steel structure with integrated belts. The six-position automatic tool magazine is patented Intermac technol-

ogy that enables up to three different cut types (straight, curved and open curved) on the same sheet - using an optimum tool for each cut to significantly improve the quality of the final result.

Genius CT-Next can carry out low emissivity removal (Low-E) thanks to optional devices purposefully-designed for specific production requirements. This

compact solution can finally be integrated with production lines with dependent loading and unloading systems. Operator safety is guaranteed by mechanical and electrical protection barriers.



ABOUT Biesse S.p.A.

Biesse is an international company that produces integrated lines and machines for machining wood, glass, stone, plastic, composite materials and the materials of the future. Founded in Italy in 1969 and listed on the Euronext STAR segment of the Italian Stock Exchange, the company aids the business evolution of its clients in the furniture, housing & construction, automotive and aerospace sectors. Today, about 80 percent of its consolidated turnover is achieved abroad thanks to an ever-growing worldwide network with four production campuses and over 30 showrooms through which the company is able to reach more than 160 countries. With the expertise of its 4,200 employees, Biesse encourages the imagination of sector-leading companies and prestigious names in Italian and international design - bringing out the potential of any material.



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