



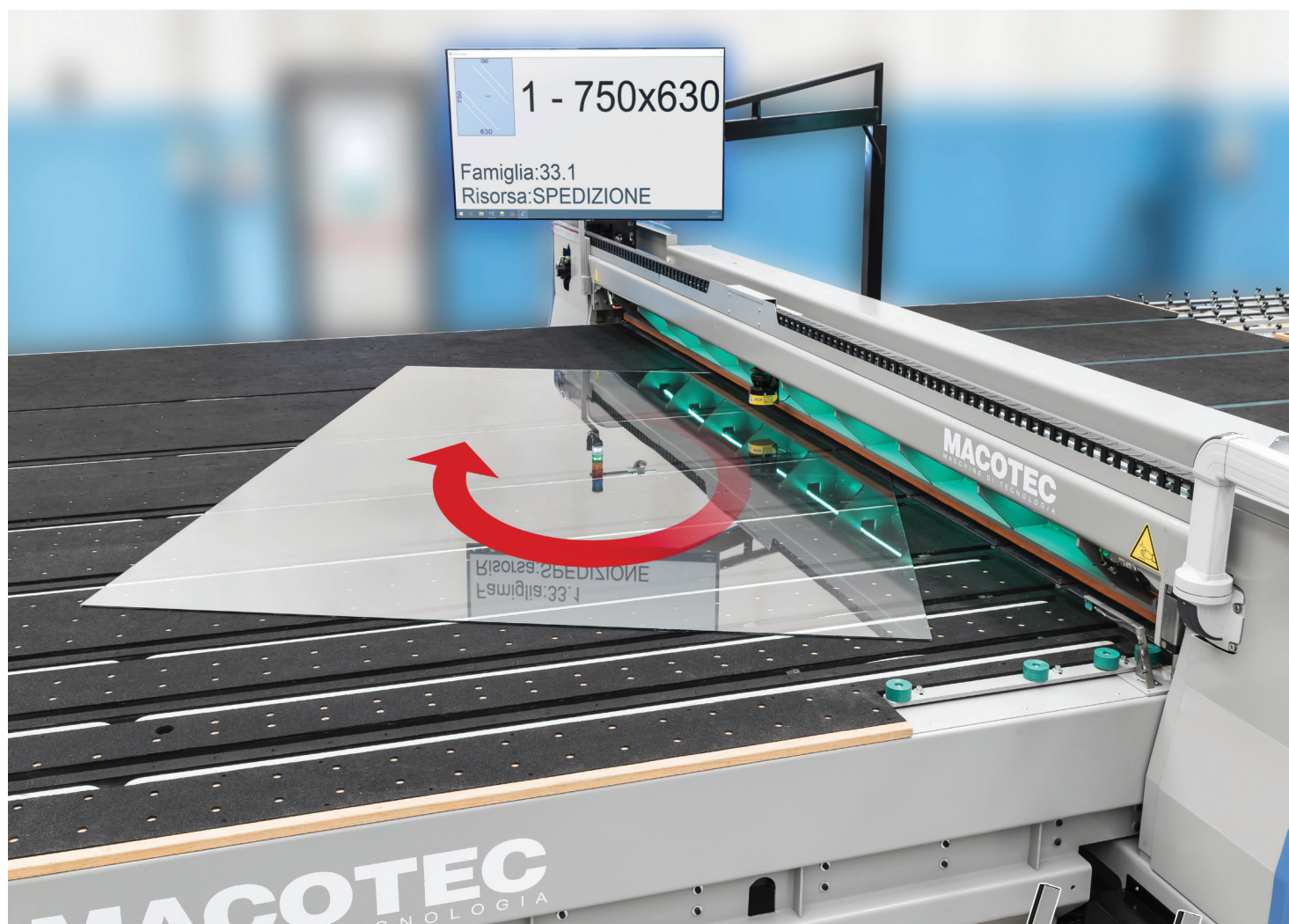
New automatic laminated shape glass cutting lines by **MACOTEC**

Since 1997 MACOTEC has been designing, building and installing automatic machines and systems for flat glass cutting/storage and loading for small-, medium- and large processors. MACOTEC is now a solid and appreciated international reality that has always stood out for its product specialization, guaranteeing a supply of machinery equipped with the most current and modern components and technology.



THE COMPANY

MACOTEC's operational headquarters is located in Northern Italy, in Rogolo, in the province of Sondrio, covering an area of approximately 10,000 m² where there are technical and commercial offices, Show Room, the design, construction and painting departments, mechanical, electrical and mechanical assembly structures and finally the assembly and testing areas.



STRATO ACTIVE HP, THE NEW AUTOMATIC LAMINATED GLASS CUTTING LINES

The laminated glass cutting lines of the Strato Active HP series are highly automated and productive thanks to the exclusive 0-360° automatic workpiece turner, automatic transport of the cut glass at the end of the line by motorised belts positioned vertically on the tilt table and automatic unloading of trimmings into a special collection box, which

can be lifted by a crane or forklift for emptying and cleaning.

Further distinguishing features of these lines include the option to cut and separate curved shapes and to have an extremely fast cutting cycle, even on thicker glass, thanks to sheet clamps driven by brushless motors and controlled by the CNC machine.

INNOVATIVE FEATURES

The production capacity of these lines is further

increased by the option of sequential engraving of Z cuts before rotating the crossbeam. This innovative feature, in combination with an additional resistor at the end of the line, enables Strato Active HP laminated glass cutting tables to achieve unparalleled productivity, especially with complex cutting patterns. All Strato Active HP models have a unique automatic separation control of the laminated glass that activates the PVB cutting blade only when the glass has



been correctly separated. This control allows self-adjustment of the heating time, which no longer needs to be adjusted by the operator.

SEPARATION OF THE LAMINATED GLASS

Separation of the laminated glass is done by a controlled axis driven by a brushless motor, which gives extreme precision when separating, thus avoiding any risk of delamination by the PVB. Automatic minimum trim is up to 2 cm from the

sheet edge. The table can be equipped with a flat grinding wheel for low-emissivity glass for excellent machining quality. Working pressures are adjusted fully automatically and the positioning of the control console above the work table means that there is no external obstructions to the cutting machine perimeter, thus allowing the operator to move and walk easily along the front of the machine without having to dodge around any protrusions.



TOTAL VISIBILITY OF THE WORK CYCLE

Total visibility of the work cycle is ensured by transparent housing that can easily be lifted to allow the operator easy access to the working tools for routine maintenance. Protection of the working area

by modern laser scanners which monitor the various areas of the laminated glass cutting machine without any external obstacles or obstructions on the ground.



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