





# APPLICATION



doors | stairs | shower enclosures |

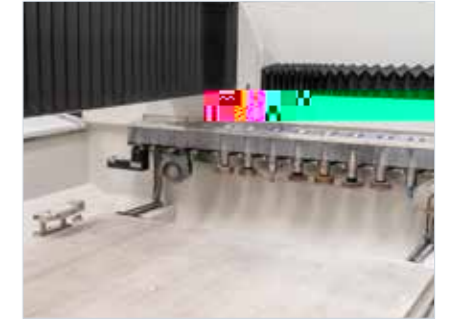


Horizontal machining centers



# ELEC A

## ECHNOLOGICAL BENEFI

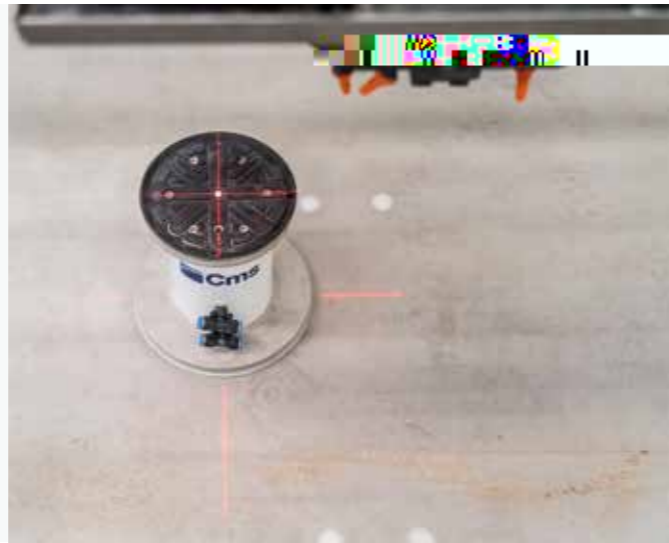


### KEY BUYER BENEFITS

- + **Flexibility**: +17% compared to the competitors [FLEXIBILITY].
- + **Space Efficiency**: saving up to 43% space compared to competitors' solutions [SPACE EFFICIENCY].
- + **Productivity**: thanks to an axis speed of 72 m/min [PRODUCTIVITY].
- + **Quality**: because of the new Metal Synthetic Technology (MST) worktable [QUALITY].

## QUICK SUCTION CUP POSITIONING

The crosshair laser installed on the operating unit makes it possible to quickly and easily identify where the suction cups have to be positioned in the work area.



## A TOOL FOR EVERY NEED

Electa 3-axis features a 13-position linear magazine on the right side of the worktable, whilst Electa 4-axis has one more magazine on the left side of the worktable, featuring 26 positions in total. Each magazine can accommodate angular transmissions or other tools for grinding, drilling and milling. Abrasive and polishing wheels can be stacked on a single tool holder as long as the tool pack is less than 50 mm.

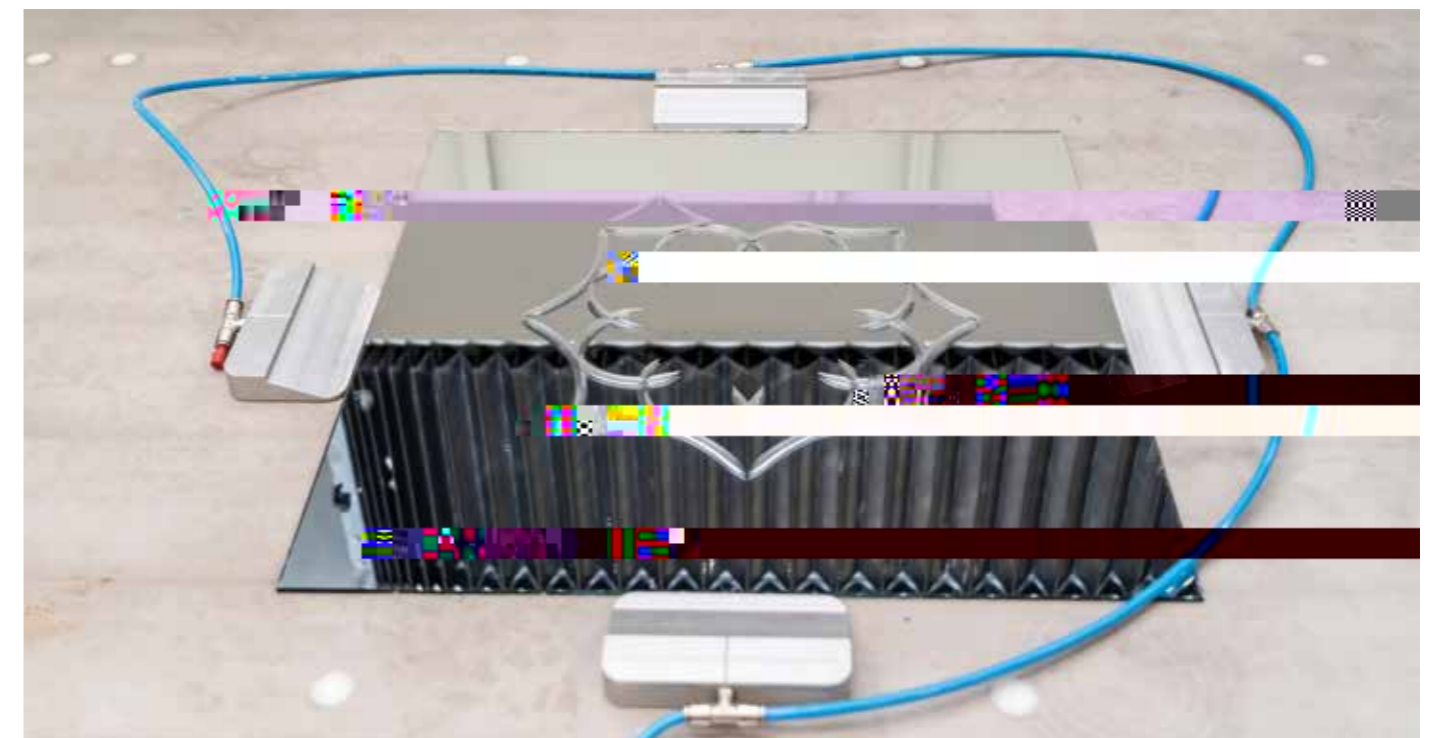
## EVERYTHING IN ITS PLACE

The water recirculation tanks and vacuum pumps are located under the machine structure to reduce its footprint.



## ALWAYS IN SHAPE

The tool dressing kit can be used to dress grinding wheels and core drill bits fully automatically at a set frequency. This system ensures the tools are working at peak performance.



## DEDICATED ENGRAVING KIT

The 4-axis electa can be equipped with an engraving kit that can easily engrave glass and mirrors on the worktable.

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## EA GLA

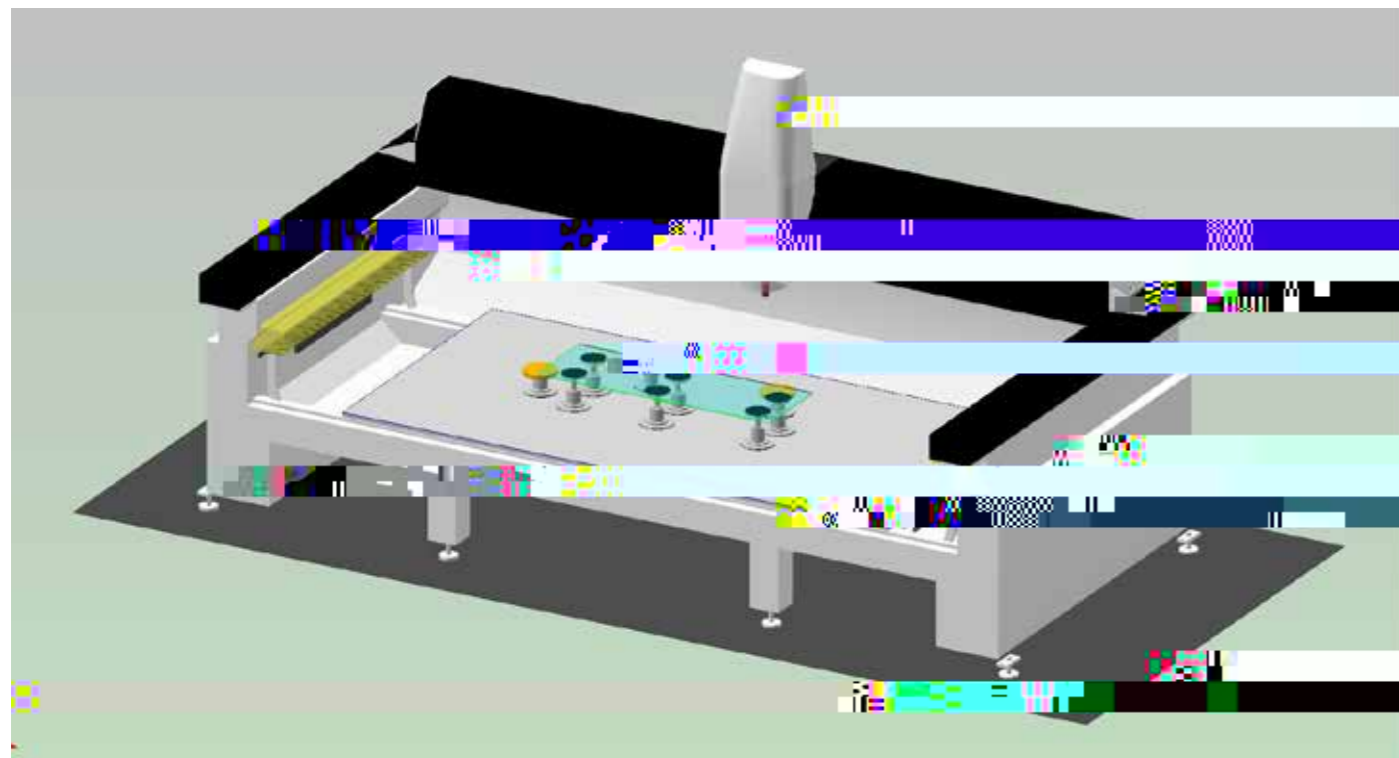
EasyGLASS is a CAD/CAM software package, adapted especially to the CMS Glass Technology machining centers, and dedicated to the glass working industry; it enables 360° management of all CNC-machining related aspects.

Available at different levels, it offers the following functions:

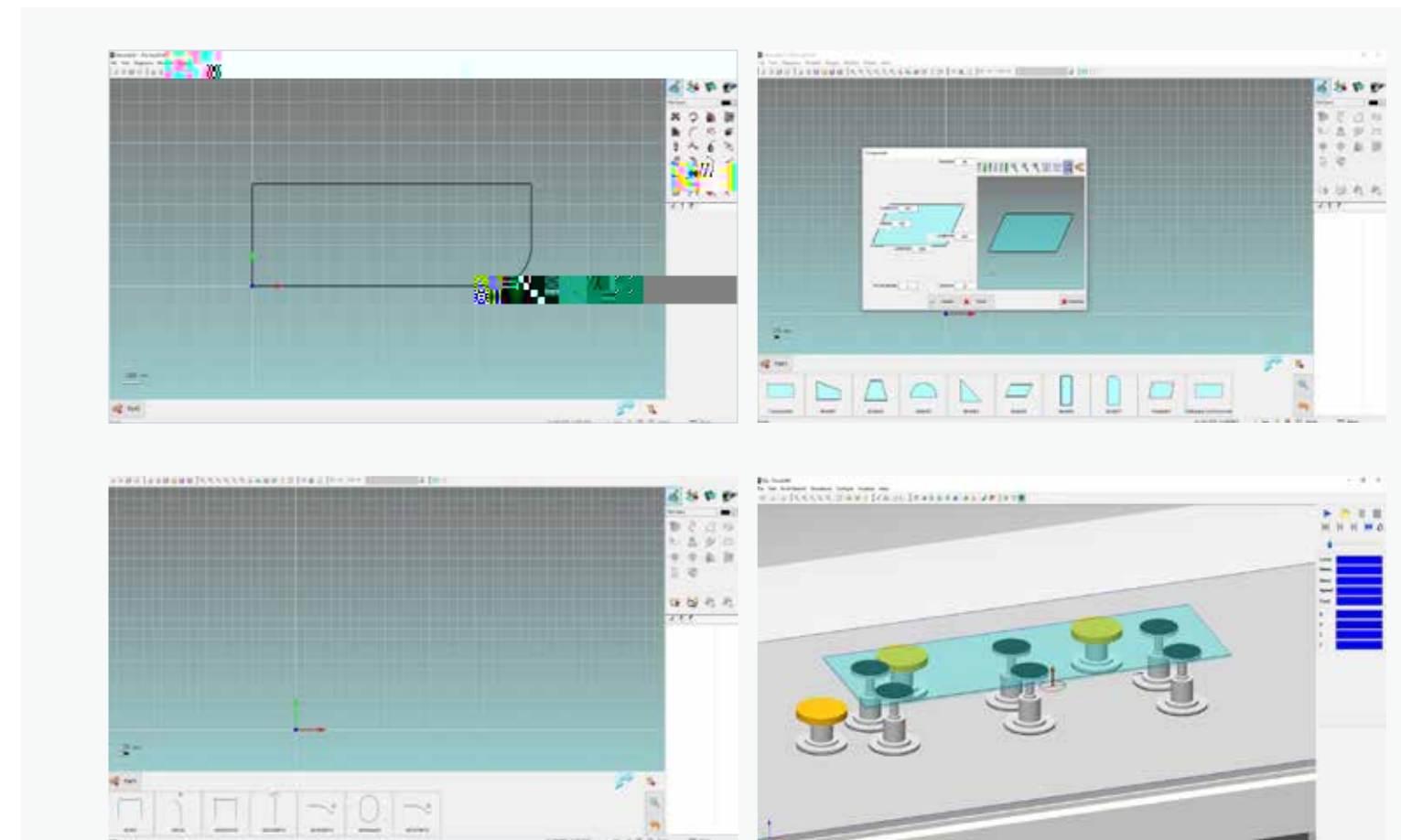
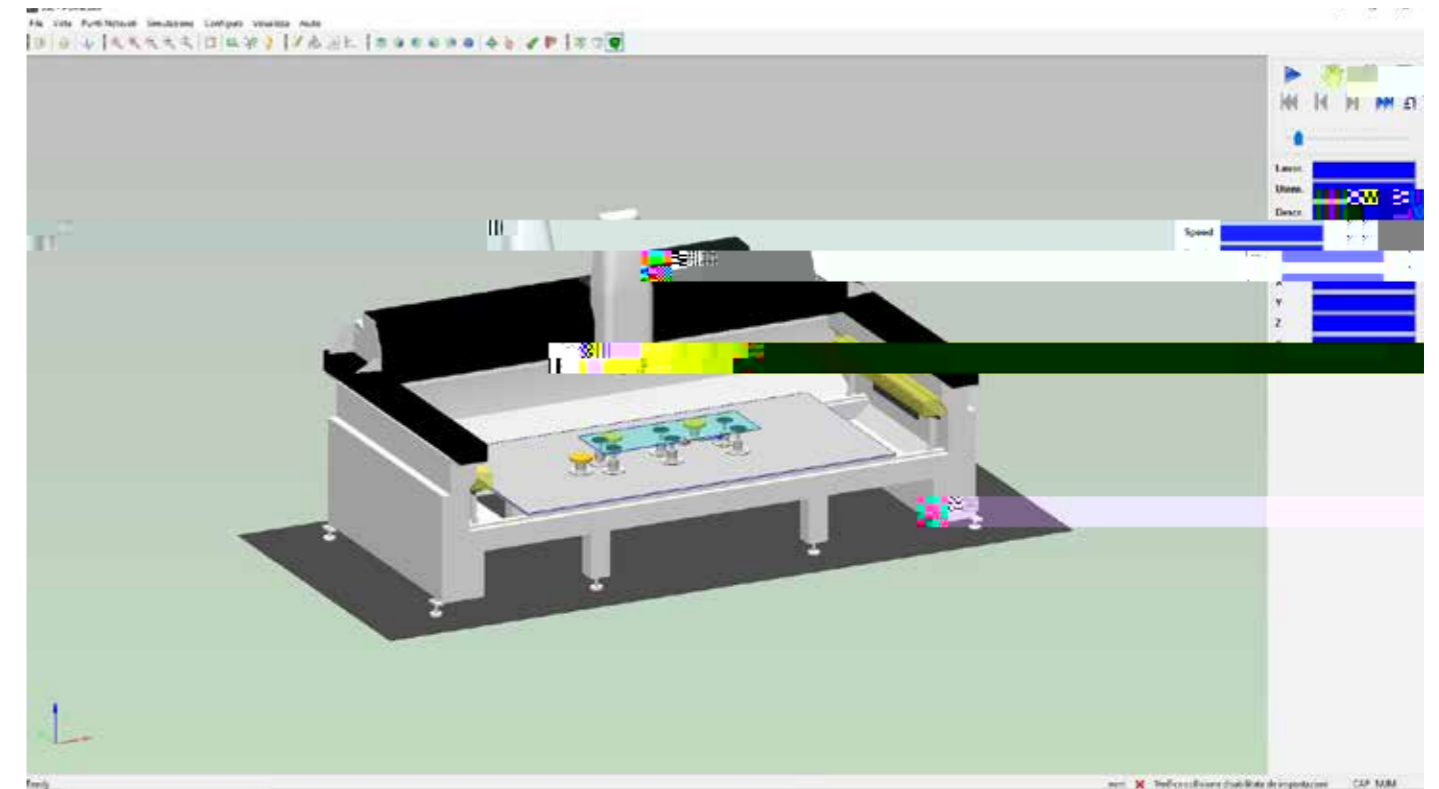
- free drawing of geometric entities (arcs, bi-arcs, straight lines, rectangles, squares, ellipses, circles, regular polygons, radius, fillets, etc) or drawing from parametric predefined models for the surface definition of tables, doors, glass walls, windows, countertops, shower enclosures etc..
- management of tool table and automatic or manual tool change
- guides for suction cup positioning by an interactive graphics layout
- calculation of machining times and costs
- three-dimensional graphic simulation of the machining process

The above-described functions can be integrated by:

- laser projection of suction cup positioning or tool-path
- automatic and controlled management of polishing pressures
- acquisition of templates through probes



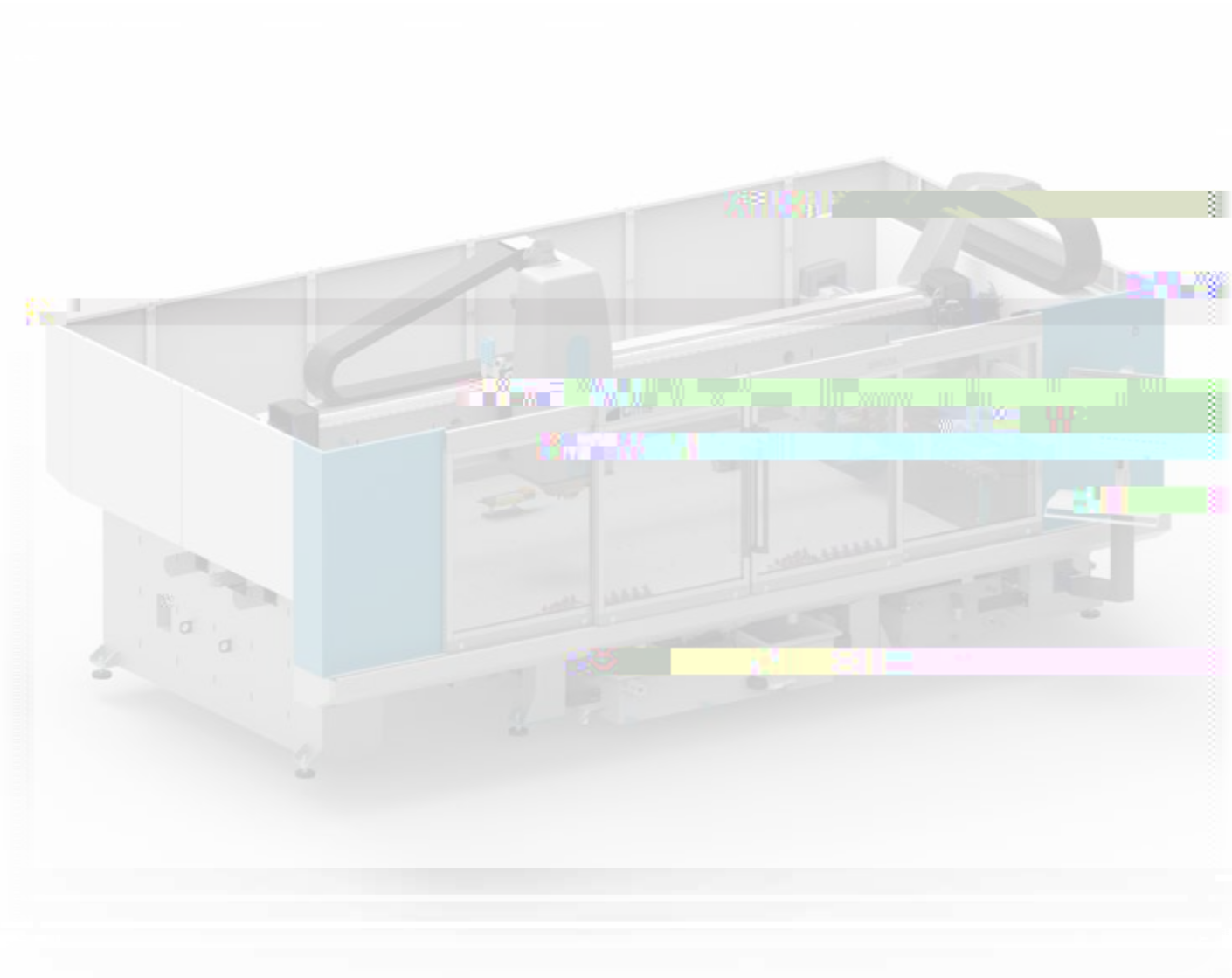
\* The machine has to be equipped with the probe





# ELEC A

## DIMENSION & TECHNICAL DATA



### ELECTA: TECHNICAL DATA

X-AXIS STROKE	3450	136 .n
Y-AXIS STROKE	1800	71 .n
Z-AXIS STROKE	350	14 .n

ROTARY AXIS (OPTIONAL)	360. d.n.n
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TOOL CHANGE POSITIONS	13 + 13
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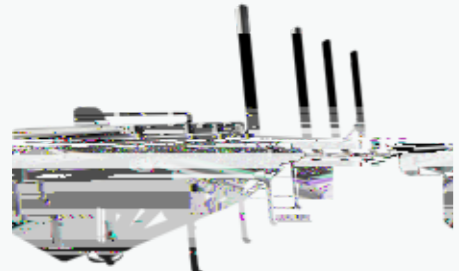
ELECTROSPINDLE  
POWER  
ROTATION  
CONNECTION



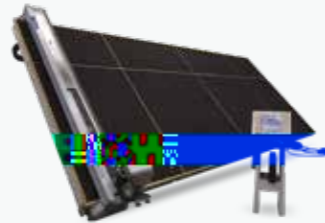




CUTTING TABLE AND CUTTING LINE



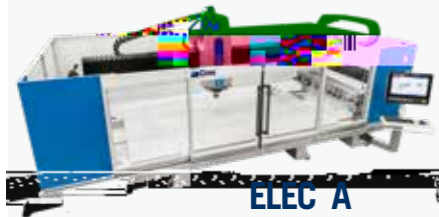
AGIL



NNE



NNE LINE



ELEC A



PEED



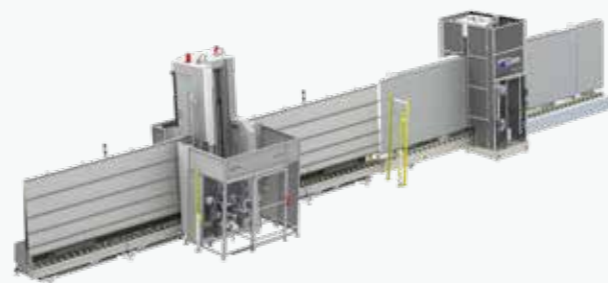
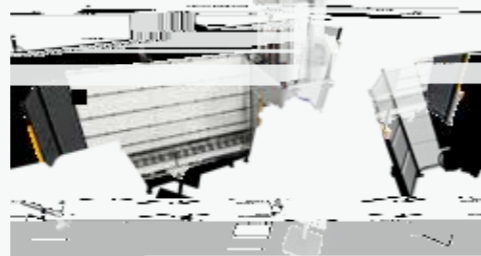
GEA



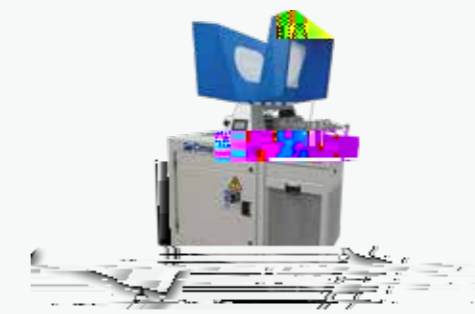
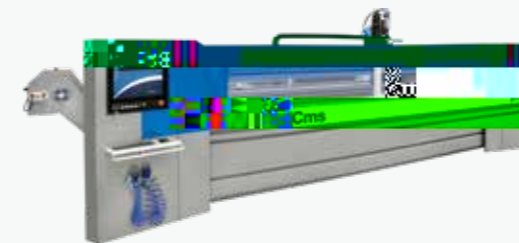
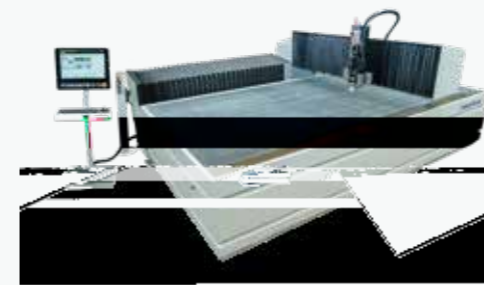
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ELEC MILL



AREA CUTTING AND PERIPHERAL EQUIPMENT





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~~Il sito cambia in CRIS in maggio e cambia CMS il 10/02.~~

