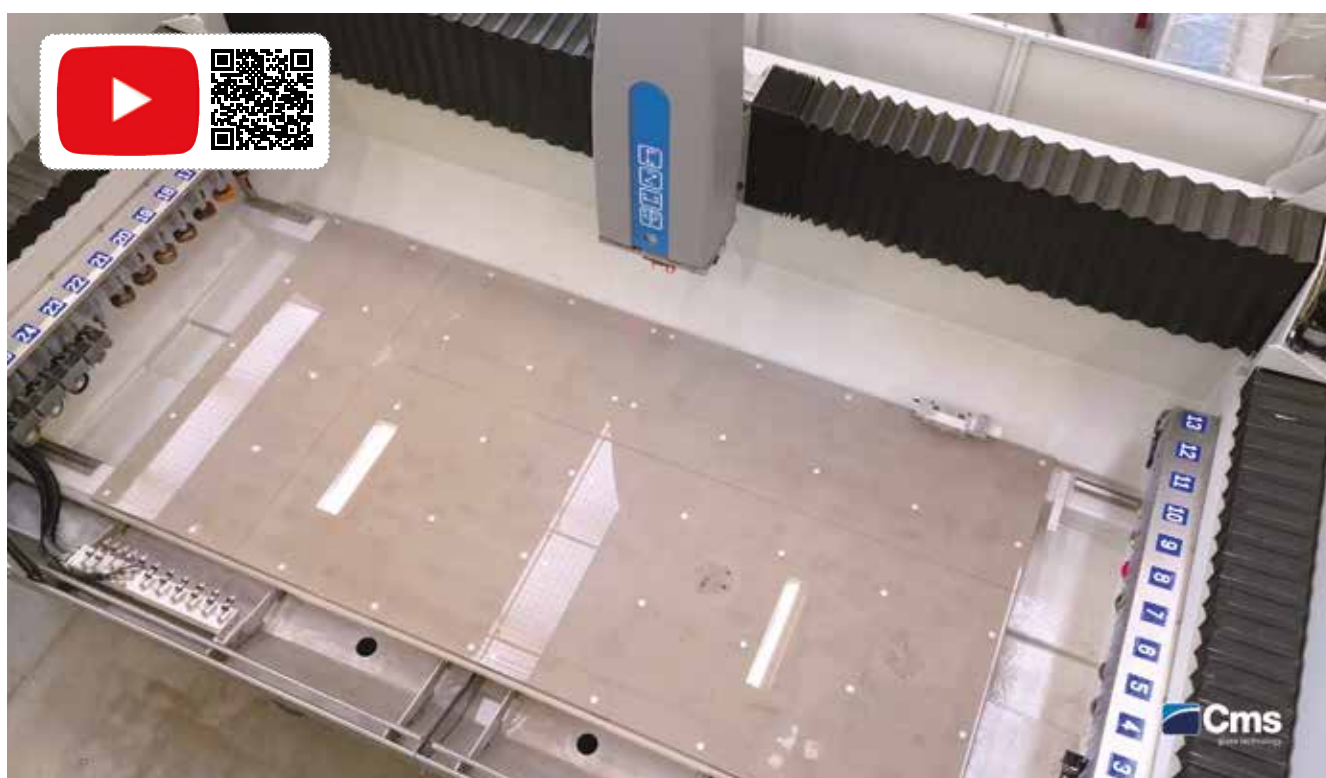


Newly-extended **CMS** range of CNC machining centres



The current range of CNC horizontal and vertical machining centres, already extensive, was further expanded recently with the introduction of the new Electa horizontal machining centre - together with the new Taktika vertical machining centre.

ELECTA

CMS Electa is a new 3- or 4-axis CNC machining centre for processing flat glass, whether thick, thin, float or laminated.

Electa features the smallest footprint and largest working area in its category. Instead of the traditional aluminium work table it's equipped with

a unique Metal Synthetic Technology (MST) work table that has a high inertia and thickness which dampens vibrations while helping to improve processed glass quality. The 3-axis version performs grinding, edge polishing, drilling and milling, while the 4-axis version can also perform cup wheel polish-

ing, diamond disc cutting, engraving and 5° chamfering. With a maximum axis speed of 72 m/min, Electa guarantees top performance and is optimum for increasing productivity since it performs high-speed grinding and can machine multiple workpieces on the same worktable.

For both flat and bent glass processing, CMS Glass Technology's CNC machining centres, cutting tables, seaming machines and waterjet cutting systems can all be applied within a range of sectors. Among these we can list construction, interior design, aerospace, automotive and marine - to name but a few.

Electa comes with a Console built into the machine. The 21.5" touch screen takes full advantage of the new operator interface and the operator is constantly guided through the most common steps while operating the machine.

The tool magazines are located to the side of the machine for better accessibility and to offer the operator a better view of the tools in the magazine. Electa is part of the CMS range of 3/4-axis horizontal machining centre, which also includes Gea and Speed, as well as the Maxima 5-axis CNC machine.

TAKTIKA

Taktika is the compact vertical machining centre de-

veloped by CMS for the greatest flexibility in small spaces. Conceived for small and medium-sized glass factories that need to increase their efficiency, it is also suitable for larger companies that want the flexibility to manage small batches of glass. Taktika is equipped with two operating units (each with a water film presser specially developed by CMS to guide the glass during processing), a fully-automated dressing system for grinding wheels and core drill bits, and suction cup units with an uncompromising workpiece holding system. The vacuum is created by a Venturi system that not only ensures top performance, but also con-



Electa: 3/4 axis CNC machining centre



sumes 87% less electricity than conventional vacuum pumps. Taktika can perform seaming, grinding, polishing, milling and coaxial drilling. It can be used stand-alone or in line with a vertical washing machine to wash the glass immediately after processing. Taktika is equipped with SCADA (Supervisory Control and Data Acquisition) software to supervise and monitor all the main machine components through specific synoptic views. Taktika is part of the CMS range of vertical machining centres, which consists of the Yp-sos vertical machining centre for drilling, milling and edge machining and the VertecMill vertical milling-drilling machine.

Taktika: vertical machining centre





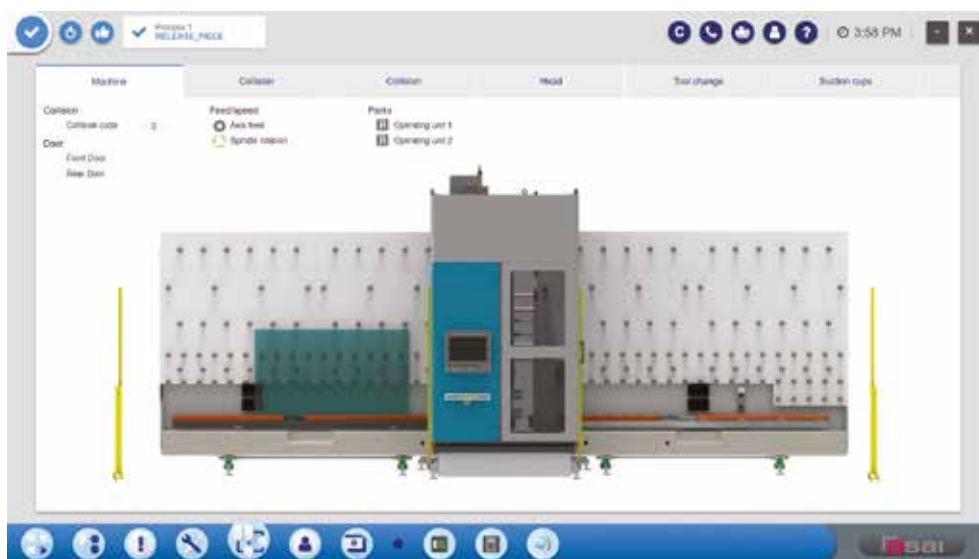
SOFTWARE

All CMS machines, including the new Electa and Taktika machining centres, feature the new CMS Active software interface, which is designed to simplify human-machine inter-

action and make the process super-efficient. Moreover, CMS machines come with a one-year free subscription to CMS Connect, the innovative industrial-IoT platform. CMS Connect displays, analyses and

monitors all data from connected machines in real time, turning it into information that can be exploited to increase productivity while reducing both operating and maintenance costs. Indeed the customer can

access the information from any device. Thanks to its tradition and experience, CMS Glass Technology is a main player today in the glass fabrication sector, providing anything from standard machines to fully-automated and custom systems - all to meet customer needs.



**CMS GLASS
TECHNOLOGY**

Cms
glass technology

Via A. Locatelli, 123
24019 Zogno - BG - ITALY
Tel.: +39-0345-64111
E-mail: info@cms.it
www.cms.it