

# Vertical glass machining: why CMS' portfolio rocks

With a legacy of precision engineering and innovation spanning over five decades, CMS Glass Technology has established itself as a global leader in glass processing solutions. The company's range of vertical glass machining centres seamlessly integrates high precision and quality with the productivity and versatility that's needed to meet the evolving flat glass demands. From compact machining centres designed for small workshops to high-performance automated solutions, CMS continues to push the boundaries of glass fabrication technology.

Designed for specialized applications, Ypsos, Taktika, Vertec Mill, and Aura jointly constitute CMS Glass Technology's portfolio today - each one taking vertical glass machining to the next level with its precision, efficiency and innovation. The company also enhances productivity thanks to its CMS Connect IoT, which ensures advanced, high-quality solutions for an evolving industry.



## CMS YPSOS: RELIABILITY IN VERTICAL MACHINING

A state-of-the-art CNC vertical machining solution designed to deliver optimum reliability, Ypsos is engineered for applications that include stairs, balustrades, doors, facades, windows and photovoltaics. Ypsos offers a flexible solution for diverse fabrication needs. It features an advanced software interface for enhanced user efficiency - simplifying complex machining operations. Available in multiple sizes, the system is configurable for seaming, grinding, polishing, milling and coaxial drilling - making it an indispensable asset for manufacturers. Its ability to handle both float and laminated glass with at least one straight edge adds to its versatility while a two-head configuration enhances productivity. For double-glazing applications, the Ypsos IG variant provides a tailored solution - reinforcing CMS' commitment to specialized industry needs.

## CMS TAKTIKA: MAXIMUM FLEXIBILITY IN A COMPACT DESIGN

For those glass processors who seek a space-efficient yet highly capable machining solution, CMS Taktika is a superb choice. Designed for small and medium-sized factories, the vertical machining centre enhances operational efficiency without compromising on performance. Taktika excels in the fabrication of showers, mirrors, stairs, balustrades, tables and display cases - making it a versatile addition to any production facility. Its intuitive design ensures ease of use, simple management and effortless maintenance - allowing manufacturers to streamline production processes with confidence. Large glass companies also benefit from Taktika's flexibility - leveraging its capabilities for handling small-batch production with optimal efficiency.

## CMS VERTEC MILL: POWERHOUSE FOR PRECISION DRILLING AND PILLING

Precision and efficiency converge in the CMS Vertec Mill. This is a vertical CNC drill that sets new standards in drilling, countersinking, milling and notching operations. Engineered to process both float and laminated glass, Vertec Mill ensures flawless execution for rectangular and shaped glass with at least one straight edge. Designed for standalone operation or seamless integration within a production line, it's particularly effective when positioned after a grinding machine to significantly reduce cycle times. It is also a great fit for balustrade, photovoltaic, shower enclosure and facade fabrication - offering manufacturers an unparalleled combination of reliability and performance.





## CMS AURA: THE FUTURE OF DRY SEAMING TECHNOLOGY

Breaking new ground in sustainable glass processing, CMS Aura is a vertical dry seaming machine engineered for superior edge machining without the use of water. Designed for practicality, quick installation and long-term reliability, Aura delivers low operating costs and exceptional efficiency. Ideal for float and laminated glass, it ensures immediate readiness for the tempering process after washing, making it a game-changer in glass finishing. CMS Aura's adaptability allows for standalone use or in-

tegration with a vertical washing machine - positioning it as an indispensable addition to double-glazing production lines. Whether used for facades, windows, display cases, glazing or double glazing, it exemplifies CMS dedication to precision and innovation.

## CMS CONNECT: INTELLIGENT MANUFACTURING WITH INDUSTRIAL IOT

Driving the next evolution in smart glass manufacturing, all CMS vertical machining centres are equipped with CMS Connect - an advanced industrial IoT platform. This technology enables real-time

data analysis, monitoring and optimization, transforming machine performance insights into actionable intelligence. By leveraging CMS Connect, manufacturers gain unprecedented control over productivity and operational efficiency - all to reduce downtime and enhance profitability.

## A LEGACY OF EXCELLENCE IN GLASS PROCESSING

With a rich tradition of engineering excellence, CMS Glass Technology continues to lead the industry with innovative solutions tailored to the evolving needs of glass manufacturers. Whether providing

standardized machines or fully-automated custom systems, CMS remains a trusted partner for any business seeking to enhance its production capabilities. As the demand for high-quality, precision-driven glass processing grows, CMS Glass Technology certainly stands out - delivering the future of vertical glass machining today.



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