

SPECIAL FEATURE

High-speed CNC glass solutions by CMS

Introducing CMS Sprint, a high-performance CNC cutting solution that combines speed, precision and automation. Engineered for both fire-resistant and safety glass, it can handle complex laminated materials and will boost productivity - all whilst enhancing operator safety to help glass processors meet the most demanding architectural and industrial standards worldwide with proven reliability.

DISCOVERING CMS SPRINT

Cutting fire-resistant and safety glass constitutes one of the most demanding tasks in glass processing. These high-performance materials require absolute precision, robust machinery, and total reliability to meet stringent quality and safety standards. To answer this challenge, CMS Glass Technology has developed a solution that combines advanced engineering with production efficiency, namely CMS Sprint.

ADVANCED TECHNOLOGY FOR COMPLEX GLASS PROCESSING

CMS Glass Technology is a global leader in curved and

flat glass processing systems, offering state-of-the-art solutions such as CNC machining centres, cutting tables, seaming machines, and waterjet cutting systems. Drawing on decades of expertise, CMS supports glass processors who need to work fire-resistant, laminated, and safety glass with confidence and consistency. CMS Sprint is a 5-axis CNC cutting machine equipped

with a high-performance diamond cutting disc, specifically-designed to boost productivity whilst maintaining exceptional cutting accuracy. It is ideal for processing laminated, fire-resistant, and safety glass - even in the most demanding industrial environments.

PRECISION, VERSATILITY AND PRODUCTIVITY

Sprint enables the cutting of square, rectangular, and polygonal glass shapes, performing both vertical cuts and precise 45° inclined blade cuts. This flexibility makes it suitable for a wide range of architectural and technical glass applications.





ity and safety CMS Sprint represents the ideal solution for cutting fire-resistant and safety glass. It enables glass processors to meet the highest quality standards while optimising production efficiency - turning one of the industry's toughest challenges into a competitive advantage.



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Designed to adapt seamlessly to different production layouts, CMS Sprint can be configured for manual loading and unloading, for automatic loading and unloading via an anthropomorphic robot, or for automatic slab transfer through roller conveyors connected to washing stations.

In every configuration, Sprint is equipped with an onboard vacuum manipulator that automatically moves and spaces glass sections after cutting. This feature simplifies operations, speeds up cycle times, and significantly improves operator safety by eliminating manual separation of glass sheets.

PERFORMANCE THAT MAKES THE DIFFERENCE

CMS Sprint delivers outstanding performance, with cutting speeds of up to 3,000 m per min, the ability to process glass thicknesses of up to 100 mm depending

upon the cutting disc, and a productivity increase of 33 percent that's made possible by the onboard vacuum manipulator.

THE IDEAL SOLUTION FOR FIRE-RESISTANT AND SAFETY GLASS

With its combination of speed, precision, flexibil-

