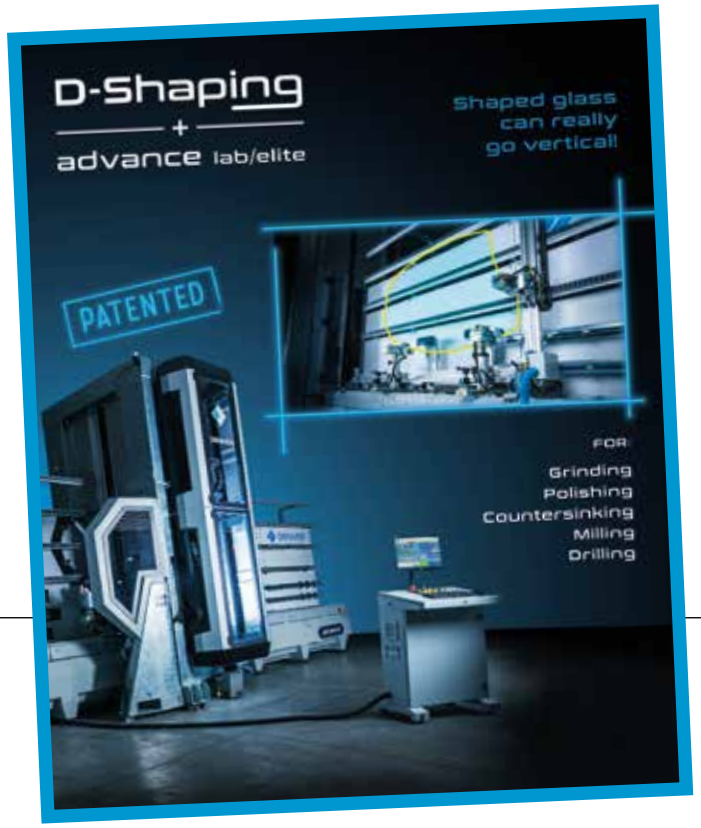
Transforming production efficiency with DENVER's Pilot EVO software

With its two latest innovations, DENVER is redefining vertical glass machining. Together, Pilot EVO software and the patented D-Shaping system are simplifying programming - enabling shaped glass processing and transforming vertical centres into fully-connected, high-performance solutions for the next generation of smart glass manufacturing.

Still setting the benchmark for innovation in the international glass processing sector, Denver Stone & Glass Machines exhibit a vision grounded in technological evolution and customer value. The company combines engineering precision with intuitive digital solutions. The company's latest advances -Pilot EVO and D-Shaping- mark a decisive leap forward in the automation and versatility of vertical machining centres, reaffirming Denver's leadership in smart glass manufacturing.

PILOT EVO: SIMPLIFIED PROGRAMMING AND ADVANCED CONNECTIVITY

Developed for Denver's Advance line, Pilot EVO represents a new generation of software that bridges ease of use with industrial-grade capability. The interface has been designed to meet the evolving needs of manufacturers in architectural, furniture and automotive glass - where precision, repeatability and speed are paramount. Its architecture combines parametric programming with a modern, intuitive graphical interface that minimises setup times and maximises productivity. Pilot EVO allows direct DXF import - enabling im-



mediate generation of machining paths and full production readiness in fewer than five clicks. Operators can achieve autonomy in just one working day, thanks to a streamlined workflow and contextual visual guidance. The software is scalable and customisable, adapting seamlessly to production growth. It guarantees complete CAD connectivity, ensuring continuous data exchange and digital traceability. Moreover, its automatic suction cup positioning system dynamically configures support layouts according to the geometry of each piece - reducing manual intervention and the risk of errors. Pilot EVO transforms programming from a technical bottleneck into a competitive advantage - setting new standards in usability and smart manufacturing for vertical CNC centres.

D-SHAPING: THE NEW FRONTIER FOR SHAPED GLASS PROCESSING ON VERTICAL CENTRES

Denver's D-Shaping patent introduces a genuine revolution: for the first time, fully shaped glass can be processed directly on a vertical machining centre - without straight sides or pre-trimming. This breakthrough enables pieces to move straight from the cutting bench to the machine - combining the compact footprint of vertical systems with the flexibility traditionally reserved for horizontal centres.

Operational advantages include:

- Versatility: rapid alternation between rectangular and irregular geometries.
- Efficiency: direct processing of 'raw' cut pieces with minimal handling.
- Optimisation: less tooling, less waste and tighter process control.
- Scalability: ideal for architectural facades, curved partitions, decorative glass, signage and specialty applications.

By integrating D-Shaping, the Advance family becomes universally capable - handling complex geometries with precision, speed and reliability. With Pilot EVO and D-Shaping, Denver redefines vertical machining: transforming it from a niche solution into the productive core of modern glass fabrication. At its 700 m² Solution Center, Denver showcases live demonstrations, inviting professionals to experience how digital intelligence and mechanical excellence can reshape the future of glass.

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