

# SYSTRON's Jumbo Expertise bolsters VANDAGLAS ECKELT glass excellence

Thanks to SYSTRON's 9333proHD, VANDAGLAS ECKELT is redefining global standards in architectural glass. This state-of-the-art jumbo processing solution enhances precision, flexibility and scale - all of which is now equipping the Austrian industry leader to deliver ultra-large, high-performance glass for iconic projects from Vienna to Tokyo.

With precision at vandaglas Eckelt GmbH well beyond a standard, having become a consolidated mindset, the global leader in architectural glass processing has been synonymous with high-performance glazing solutions in XL dimensions for over a century now. Located in Steyr, Austria, responding to customer demand is about tailoring unmet needs to meet the most

demanding design and quality requirements. In January last year, the company took a major step forward by integrating the systron 9333proHD glass processing centre, complete with washing, drying and inspection zones. This state-of-the-art solution enables the efficient processing of glass panels up to 9 x 3.3 metres - combining speed, flexibility, and accuracy on a large scale.





## A QUANTUM LEAP IN JUMBO GLASS PROCESSING

The requirements for the new system were clearly defined: maximum flexibility, high throughput, and the ability to handle jumbo lengths up to nine metres. "After a thorough evaluation, we chose the syston 9333proHD +WM - one of the most advanced systems on the market," says Temper. "Its compact, vertical design with a single processing tower fits our layout perfectly. The fact that syston is based nearby also contributed to our decision."

## RAPID INTEGRATION, RELIABLE PERFORMANCE

Commissioning was fast and smooth, thanks to syston's experienced team. "Installation and setup were

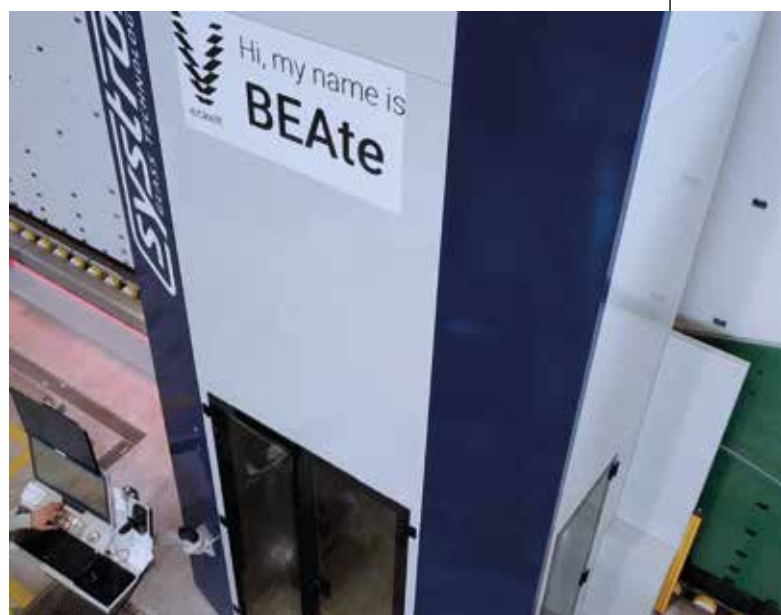
## JUMBO GLASS FROM STEYR CONTINUES TO GO GLOBAL

"Here in Steyr, we specialize in complex and demanding façade projects with glass sizes up to 8 x 3.21 metres," explains Florian Temper, COO of van-

daglas Eckelt. "Our glass is featured in some of the most iconic buildings worldwide - from the DC Tower in Vienna and the BMW Welt in Munich to major projects in London, New York and Tokyo." With a production area of over 33,000 m<sup>2</sup>, a highly specialized machin-

ery setup, and around 160 employees, vandaglas Eckelt is a full-range provider for tempered, laminated and insulating glass in oversized formats - and a true pioneer in architectural glass innovation.

**Figure 1: The 9333proHD processes glass sheets up to 9 x 3.3 metres.**





extremely professional,” notes Temper. “Challenges were handled flexibly and quickly – exactly how you want a modern partnership to work.” One unique detail: the machine was given a name – “BEAte” – chosen by the team in an internal contest. The name is both a creative nod to its function (Bearbeitungszentrum) and a symbol of positive team spirit (“the happy one”). Says Temper, speaking to that: “The best technology only shows its full potential through the people who operate it.”

### IN FULL OPERATION: HIGH-SPEED GLASS PROCESSING WITH BEATE

Since commissioning, the proHD has been running in two- to three-shift op-

eration, primarily for over-length sheets starting at six metres, custom models with complex cut-outs and high-precision edge work like beveled edge and step grindings. “The system runs reliably without any unplanned downtime. Its performance has fully met our expectations,” continues Temper. The integration into the existing Fe-neVision ERP system was also smooth and efficient – further contributing to a successful first year of operation. A key advantage here is systron’s vertical water cushion technology, specifically developed for coated glass. “It allows contact-free processing and prevents surface damage – a clear benefit over traditional mechanical systems.”



### LOOKING AHEAD: AUTOMATION, SUSTAINABILITY & GLOBAL REACH

Vandaglas Eckelt continues to invest in modernization, automation and sustainable products. Demand is growing for dynamic glazing solutions and CO<sub>2</sub>-reduced materials, driven by architects and designers focused on

energy performance and innovation. With over 80 per cent of production exported worldwide, the company places high demands on its machinery. “Every detail matters when you’re supplying to global projects,” says Temper. “That’s why we rely on systron’s proHD – a system that performs with absolute reliability.” Despite a cautious market outlook for 2025, Temper remains confident: “We expect an upswing from mid-2026 – and with systems like the proHD, we’re perfectly equipped to meet it.”



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