



Large-format architectural glass technology leap thanks to **TUROMAS**

Supporting Grupo Tecnovidrio expansion with advanced cutting and storage technology at its new Toluca plant, TUROMAS is helping the group to strengthen its production efficiency, flexibility and precision - all to reinforce a long-standing partnership rooted in trust, innovation and shared vision for the future of architectural glass manufacturing.





Grupo Tecnovidrio has taken a decisive step forward in its expansion with the launch of a new production plant in Toluca, Mexico. Equipped with Tuomas technology, the project includes two RUBI 517C monolithic glass cutting tables and an automatic glass storage system. With a family history dating back to the start of the 20th century, Grupo Tecnovidrio represents the continuation of a long-standing tradition in the Mexican glass industry. Founded in 1992 by José Antonio Riestra, the company builds on the legacy started by his grandfather

-a pioneer in mirror manufacturing in the country- and continued by his father.

Today, the company continues to evolve, combining artisanal expertise with state-of-the-art technology to deliver large-format, laminated and low-emissivity glass solutions for high-end architectural projects.

“We focus mainly on architecture, unique projects involving large-format glass. Our goal is to make the designers’ visions come true”, says José Antonio Riestra, Managing Director of Grupo Tecnovidrio.

Throughout its history,

Grupo Tecnovidrio has contributed to some of Mexico’s most iconic architectural projects, such as Torre Virreyes, Torre Reforma and the Los Ca-

bos Convention Centre, where the challenge was to deliver large-format glass in a very short timeframe for the G20 summit.





THE PARTNERSHIP WITH TUOMAS: TECHNOLOGY DRIVING PLANNING AND EFFICIENCY

In its most recent stage of expansion, Grupo Tecnovidrio has entrusted Tuomas to equip its new plant with state-of-the-art machinery for automatic glass cutting and storage.

“We have known Tuomas for many years; it was one of the first brands we worked with. In this new phase, we worked hand in hand to design a tailor-made solution to meet our production needs,” explains José Antonio Riestra.

The project, conceived before the pandemic and developed jointly by both companies’ teams, has enabled Tecnovidrio to streamline its production process, ensuring precision, continuity and traceability in every order.

TECHNICAL SOLUTION PROVIDED

From the outset, the technical teams of Tuomas and Tecnovidrio worked hand in hand to design a solution tailored to the company’s present needs and future ambitions. The result has been a phased project that facilitates technological adaptation, staff training and the transition to a new, more automated and efficient way of working.

Now in its final installation



phase, the project includes the integration of a complete intelligent cutting and storage system. Tecnovidrio has acquired two RUBI 517C cutting tables, equipped with linear motors and the ACR stripping system, specially designed to work with EasyPro and TPF-coated glass.

To feed the cutting lines, an intelligent SR-07 shuttle rack-type storage system with 38 positions and a storage capacity of up to 624 tonnes of glass has been installed. It includes an external reloading station that allows the system to be sup-



plied without interrupting the loading cycle. Both the cutting lines and the storage unit are prepared to handle two standard sheets or one jumbo sheet, thereby increasing the flexibility of the system

and optimising daily operations.

The next phase of the project involves the incorporation of two remnant storage units, one for each cutting line, thus completing the full integration of the material storage and optimisation systems.

“The Tuomas team’s involvement was absolute. They understood our needs and provided outstanding support throughout a challenging project. The Tuomas team is truly on a par with any manufacturer in the world and their equipment is easy to use yet highly advanced technologically.”

Faithful to its family philosophy, Grupo Tecnovidrio promotes close, trust-based relationships with both its employees and suppliers.

“Our aim is to grow together. This project has been a major step forward for us and a clear example of what can be achieved through teamwork,” concludes José Antonio Riestra.

The collaboration between Tuomas and Grupo Tecnovidrio is an inspiring

example of how the combination of experience, innovation and trust can transform a vision into a productive reality. Thanks to the implementation of cutting-edge technology and close cooperation between teams, Tecnovidrio’s new plant has become one of the most advanced in Mexico’s glass industry, ready to meet future market challenges with efficiency, precision and flexibility.



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