

# TUROMAS now Üveg equipment supplier for super-automated Latin American plant

TUROMAS was recently nominated by new Argentinean glass processor Üveg as equipment supplier for its new plant in Cordoba: two automatic glass cutting lines -monolithic and laminated- and a new storage system for jumbo glass, complete with scraps manager.

**L**ocated in the city of Cordoba, Argentina, Üveg has a 12,000 square metre plant on a 3.5 hectare site. It has a fully-automated infrastructure thanks to equipment from leading European brands and cutting-edge technology, just recently installed. Among the processes carried out in the plant are the tempering and lamination of jumbo glass, the production of DVH and TVH with argon gas and glass processing with such special coatings as TPF or Easy PRO.





With a track record of more than twenty years in the management of leading national factories, co-founder of Üveg Santiago Ürményi has a deep understanding of the challenges facing the sector. This solid experience has motivated him to seek innovative solutions to overcome common obstacles affecting efficiency, quality and growth in the glass industry. In 2015, he began a tour of 25 glass processing plants around the world, with the aim of designing a plant in

Argentina that would provide a service in line with the demands of the most demanding global markets. During his search, Santiago found in Turomas a reliable partner with which to keep up with the sector. Says Ürményi: “The choice of machines was a long and difficult process. We visited more than 20 plants in Europe to understand what was the best technology for us and after really understanding what we wanted we chose Turo-

mas. The installation process has been exceptional. People have come from Spain all the way to Argentina and, without a doubt, we have felt very comfortable with the team at all times. It has been a first class installation, with quality machinery and a really valuable imple-

mentation. Our production expectations are very high and we are working collaboratively with Turomas to perfect every detail and make sure the machinery is running at full capacity.” The machines installed by the Argentinian manufacturer consist of LA-06,





an intelligent glass storage system which has a double supply system for cutting by means of two MAM-06 tilting tables. The loader has a grid equipped with high precision and high power vacuum suction cups, designed to hold and transport glass panels safely. These machines feature advanced control technology, offering remarkable speed and precision that significantly reduces loading time and effectively increases productivity.

Together with the LA-06 warehouse, an external SG-06 automatic remnant warehouse has been installed, which allows remnants to be stored without

the risk of damage - knowing their exact location, their measurements and the type of glass for later use in optimisations. Tuomas software has also been implemented with the StockGlass tools, which simplifies inventory management by collecting stock information in automated warehouses, as well as LinkGlass, which automates the production sequence - eliminating operator intervention in both work order selection and load scheduling.



## TWO AUTOMATIC LINES

For the glass cutting process, two automatic lines have been installed.

The first is a complete RUBI 516C float cutting line, equipped with linear motors and TX-6A au-

tomatic cut-off saw. The automatic cross-cutting system cuts the cross-cuts ("X" axis) by means of the combined action of a lower longitudinal breaking slide and the punctual upper clamping of the workpiece. It man-







ages to maintain high-edge quality at a constant rate - all to ensure a continuous flow of glass on the cutting line.

In addition to this line, the Turomas Cutting TV, the application that provides automatic visualisation of optimisations, has been added. At a glance, the operator has access to all the information needed for the cutting process. Here the screen shows parts, remnants and the processes required for each optimization. It automates the process, avoiding the use of paper, and allows the operator to customise fields and adjust parameters such as minimum remnant size and weight limit.

The second is a mixed LAM 504TX line for monolithic and laminated glass, which includes a second synchronised cutting bridge, namely LAM 304. The line incorporates

a specific Turomas Splitter software that allows balancing and automatic distribution of the transversals according to the specific needs of each optimization, thereby helping the operator in the decision making process. These technological solutions guarantee an efficient and precise process in glass cutting, making it possible to make the best use of resources while achieving high quality results. Üveg has transcended local sales and expanded

its export reach - competing successfully with established companies in Chile, Brazil, Colombia, Mexico and Spain. Says Santiago Ürményi: "Thanks to the investment we've made and the team we're building, Turomas has been able to sell important projects that are being planned for the end of 2022 to the beginning of 2023. As such, the company has been able to make the projection of its plant in important projects in

Argentina and the region a reality."

**Turomas**

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