Streamlining glass processing: LATTUADA presents breakthroughs at Glasstec

In Dusseldorf this October, LATTUADA will mainly be focusing on two of its limited edition models - each exhibited with its new look and very peculiar configuration. Both demonstrate Lattuada's insatiate impulse to provide state-of-the-art solutions that deliver high efficiency, cost savings and reliability to glass industry professionals.

MODEL TLR 12 C PC

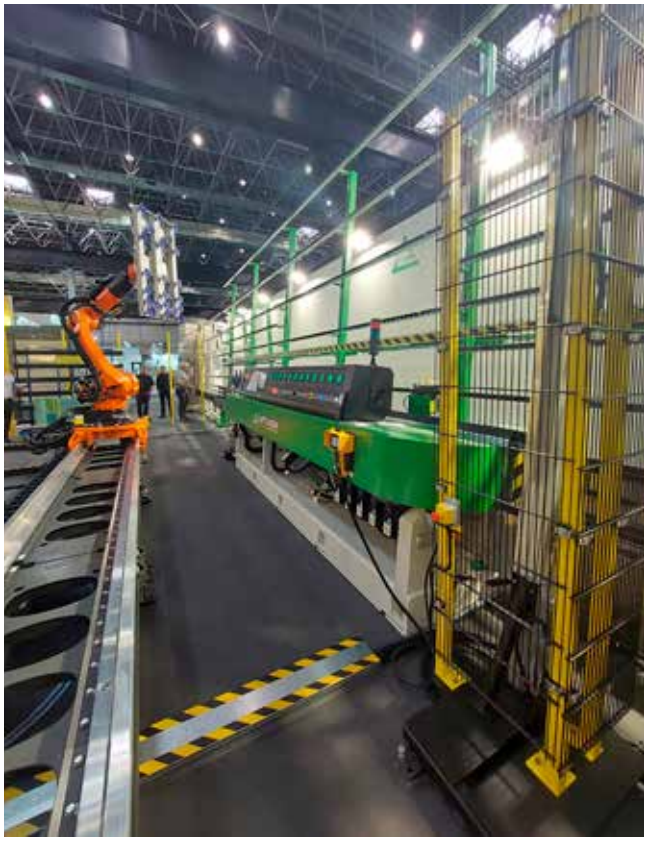
The first will be a straight-line grinding machine, model TLR 12 C PC: a concentrate of innovation and technology. Four major macro areas of innovation, in turn then declined into different options and details that visitors will be able to discover at Lattuada's booth:

- automatic predictive maintenance
- IoT system

- new software for automation solutions
- control of energy consumption

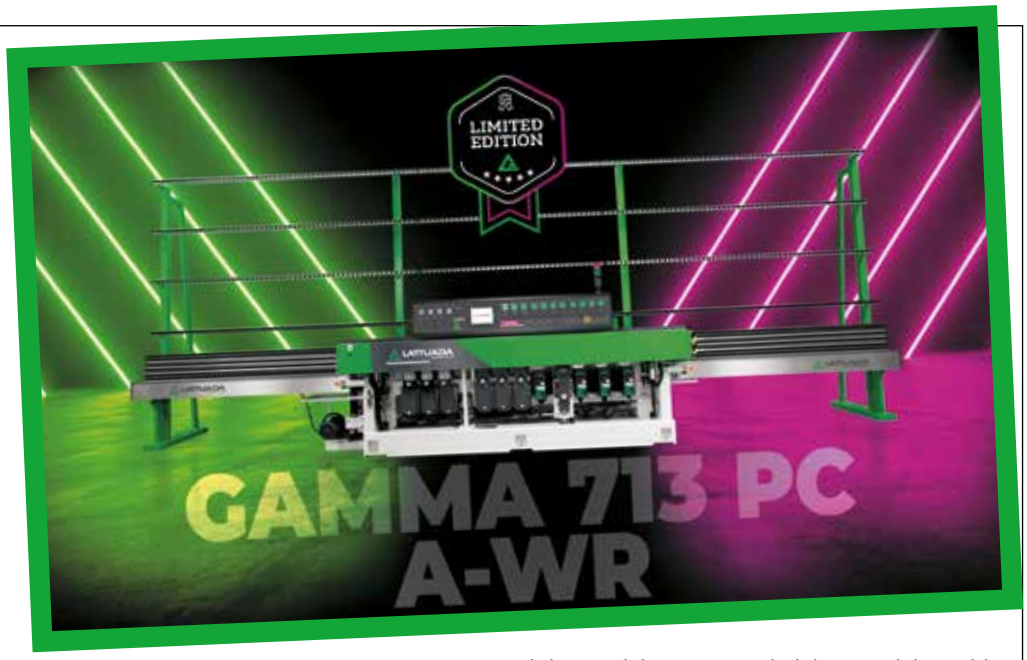
A-WR AND I-AL

This edger will then be equipped with Lattuada's A-WR System and i-AL package, for a fully automatic wheel adjustment and a fully automatic management of all processing parameters: the operator only sets the thickness and all other parameters are automatically set by the system and are fully customizable, depending on the production and quality required.



ROBOTIC SOLUTIONS

Last but not least, it will be part of an LRS: a Lattuada-Knittel robotic line. In front of the edger, a Kuka robot will be moving on the seventh axis, and in-line will be an open-top washing machine, model OT 2000/300/4S. This specific line is dedicated to customers wishing to increase the level of automation in their grinding department. It can reach a productivity of up to 130 m/h, considering, for example, a speed of 3 m/min and glass panes with dimensions: 1600x600x8 mm and 1000x2000x8 mm. A new feature is a device for checking the correct position of the glass edge. The customer can load the glass onto the rack even without using a reference/zero point, only approximately in the centre of the rack. Thus, when rotating 90°, the bottom edge can be a little higher or lower than the standard zero line. This is the task of this new device: to check, before loading the glass, the actual position of the edge to ensure a safe and smooth load. A very interesting option is an advanced, state-of-the-art vacuum technology, which saves around 85 percent of energy compared to standard systems. Compared to other lines, the robot that moves the glass is not fixed to the floor but runs at very high speed on a dedicated track. The special design of the track allows the robot to reach a maximum speed of 2.35 m/s. The line can only be operated by one operator, who only has to load a rack and start the line; all the glass will be automatically processed on all four sides and unloaded onto another rack or sent into a washing machine. The line can also communicate with the operator via a pager. This solution combines the full automation usually offered by a closed cell with two edgers and two robots, but with a smaller footprint and reduced budget. It can almost match the same pro-



ductivity, but with the advantage that no operator has to handle the glass manually. With the Lattuada-Knittel solution, the customer can achieve multiple benefits: optimization of production and consequent reduction of costs as it requires only one operator (reduced labour costs and increased safety), greater energy savings (compared to other solutions), and increased productivity. Thanks to its ease of use, applicability to standard grinding machines with standard maintenance, reduced downtime, and high speed (up to 5 m/min), it guarantees continuous production.

MODEL GAMMA 713 PC

The second very special machine in a limited edition will be a bevelling machine, model GAMMA 713 PC: the very first beveller in the world equipped with Lattuada's A-WR system, offering a fully-automatic management of diamond wheel adjustments.

WASHERS

Lattuada is not focused on grinding alone. Its range of vertical washing machines includes several series designed to meet a wide variety of requirements. The open-top washing machines represent the best multipurpose machine for the medium-light glass industry. The maximum washable height is either 1600 or 2000 mm, and the models can be equipped with two, four, or six brushes. They are available either with motorised thickness adjustment from 3 to 40 mm or with mechanical thickness adaptation from 3 to 15 mm (with 19 mm available upon request). Designed to be positioned in the highest segment of the market, the closed-top washing machines are the best choice for medium-heavy industry and high-intensity use. Available in 2600 and 3300 mm height models, with four or six brushes, they can wash glass panes with thicknesses ranging from 3 to 80 mm and handle weights up to 2,000 kg.

LATTUADA
+ADDING VALUE
Via Abbondanza, 11/13
22070 Carbonate CO - ITALY
Tel.: +39-0331-832713
adeliolattuadasrl@legalmail.it
www.adeliolattuada.com

STEFIGLASS

LV 3300 JUMBO

Stefiglass propose you a cost effective washing machine **LV 3300 JUMBO**

- Two-part machine: washing and drying.
- Easy installation and transport thanks to its modular format.
- Equipped with 6 brushes for washing with high-performance hydraulic pumps. Pump impellers mounted only in stainless steel.
- Drying is provided by a 22 kW ventilation system.
- The brushes are driven by the inverter system with acceleration/deceleration to optimize the mechanical performance and reliability over time.
- The top is made of tubular AISI 304 scaffolding bearing and reinforced with stainless steel laser-cut sheets. This ensures high operating speed with greatly reduced vibration.
- Working speed from 1 to 5 mt/min

This is a vertical washing machine optimized for cleaning large glass sheets, especially suitable for heavy and continuous use. Thanks to its 6 brushes, it meets the standards for industrial cleaning. Particularly suitable for on-line applications, it can also be combined with robotic systems. Made exclusively in closed top version, it allows to wash a glass minimum of L = 450 H = 250.

Stefiglass International Srl - Via Borghisani 9 A - 26035 - Pieve San Giacomo (CR) - Italy
www.stefiglass-international.com - e-mail: info@stefiglass-international.com - Tel.: +39-0372-64173