

ROBOTIC SOLUTIONS



Discover Video

Rev.01 - 10/26 - 100

WHY AUTOMATE YOUR EDGING DEPARTMENT

- 01 HIGH FLEXIBILITY**
Processing of different glass sizes, thicknesses and production batches with independent processing programs.
- 02 AUTOMATIC GLASS VALIDATION**
Automatic measurement and verification of glass dimensions and position before processing.
- 03 EASY TO OPERATE**
One operator can manage the entire line, minimizing manual handling and simplifying daily operations.
- 04 OPTIMIZED PROCESS FLOW**
Automatic management of glass handling reduces bottlenecks and improves overall efficiency.

PRODUCTIVITY WITHOUT COMPROMISES

- 05 LOWER LABOR COSTS**
Increased automation allows higher productivity with fewer operators and improved workplace safety.
- 06 INCREASED PRODUCTIVITY**
Continuous operation, reduced downtime and high-speed robotic handling maximize throughput.
- 07 FULLY AUTOMATED PROCESSING**
Automatic loading, processing and unloading ensure consistent production quality and repeatability.
- 08 MODULAR AND SCALABLE**
Solutions can evolve over time through additional robots, machines and automation modules.
- 09 MAXIMUM UPTIME**
Low-maintenance equipment, remote diagnostics and intelligent monitoring help maximize machine availability.
- 10 ADVANCED SAFETY**
Dedicated sensors validate dimensions, positioning and handling conditions before processing.
- 11 ENERGY EFFICIENCY**
Advanced vacuum technologies and optimized robot movements significantly reduce energy consumption.



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Compliance for international markets.



ROBOTIC SOLUTIONS

A COMPLETE ECOSYSTEM OF ROBOTICS,
AUTOMATION AND INTELLIGENT
PROCESS CONTROL

In partnership with:



knittelGLASS

A STATLAB COMPANY

- › OPTIMIZE WORKFLOWS
- › ENHANCE MACHINE PERFORMANCE
- › SIMPLIFY PROCESS MANAGEMENT



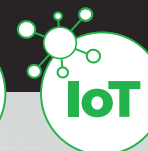
INTEGRATED ROBOTIC SOLUTIONS



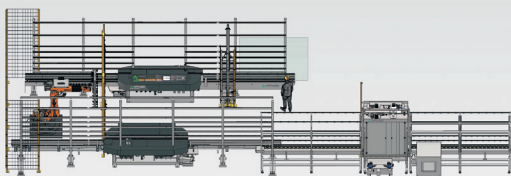
Every robotic solution is engineered around the customer's specific production requirements, integrating grinding machines, washing machines, robotic handling systems and advanced automation technologies into a single, fully connected production environment. Through production flow analysis, Digital Twin simulations and dedicated engineering expertise, each system is optimized to deliver maximum productivity, flexibility, reliability and future scalability.

ADVANTAGES

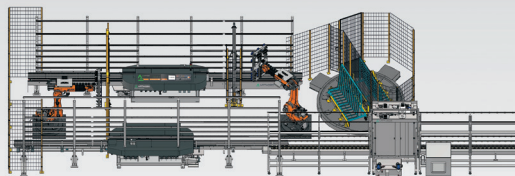
- › Digital Twin simulations and production flow analysis
- › Customized engineering
- › Higher Productivity
- › Reduced Labor Dependency
- › Increased Production Flexibility
- › Consistent Quality & Repeatability
- › Optimized Production Flow
- › Automated Glass Handling
- › Enhanced Operator Safety
- › Scalable Automation Platform
- › Industry 4.0 & IoT Ready
- › Low Maintenance, High Uptime



(B)



(C)



SOME OF OUR MOST REQUESTED CONFIGURATIONS

Our robotic lines are fully customizable and can be configured according to specific production requirements. The examples shown here represent some of the most frequently requested layouts and can be further expanded with additional machines, robots, modules and integrations, ensuring maximum flexibility and scalability.

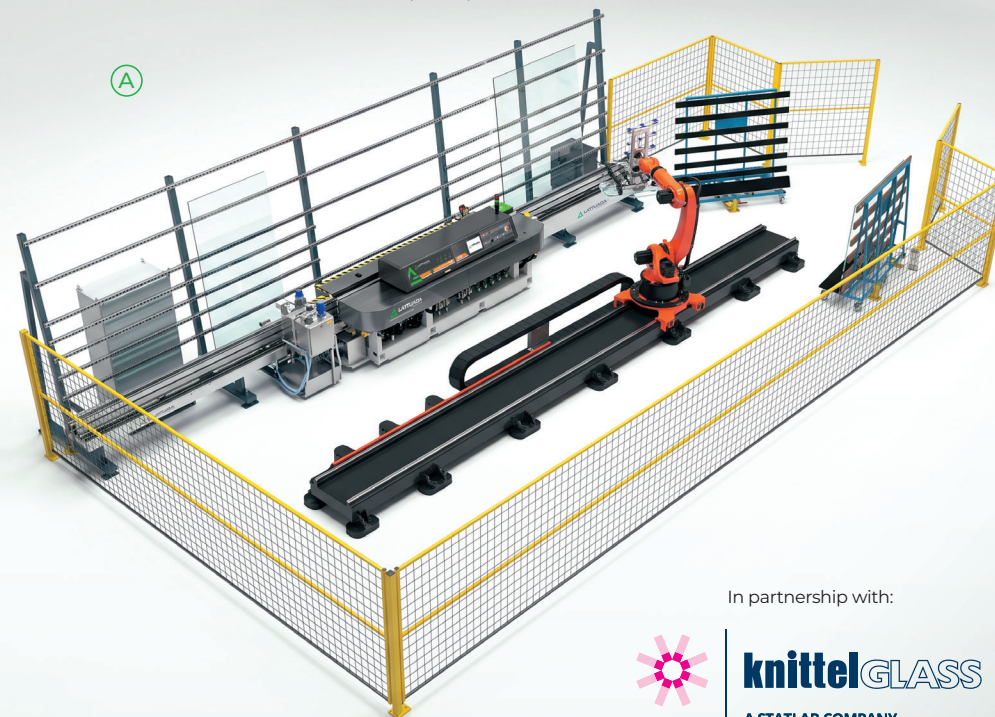
(A) 1 EDGER
1 ROBOT

(B) 2 EDGERS
1 ROBOT
1 WASHER

(C) 2 EDGERS
2 ROBOTS
1 WASHER

TAILOR-MADE
CONFIGURATIONS

(A)



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