glaston
seeing it through

GLASTON CORPORATION

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Glaston Processing Automation

Glaston flat laminating


Glaston Autopilot

COMPANY DATA

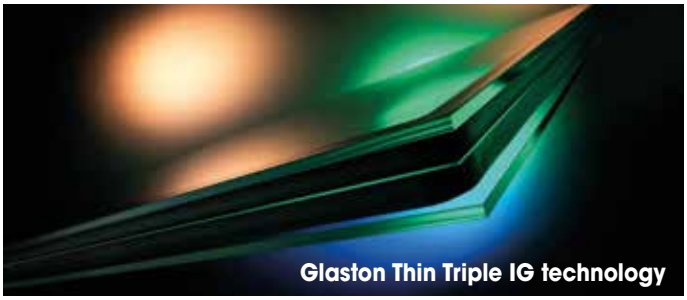
Contacts
Miika Äppelqvist - President, CEO
All contacts:
https://glaston.net/contacts/

Annual Group Turnover
EUR 217,9 million

Number of Employees
780

Registered Patents
257

Planned Exhibitions
Glaston will be present at major glass exhibitions in 2026


Glaston Thin Triple IG technology

COMPANY PROFILE

Glaston in brief
Glaston is the glass processing industry's innovative technology leader supplying equipment, services and solutions to the architectural, mobility and solar industries. The company also supports the development of new technologies integrating intelligence into glass.

Glaston is committed to providing its clients with both the best know-how and the latest technologies in glass processing, with the purpose of building a better tomorrow through safer, smarter, and more energyefficient glass solutions. Glaston operates globally with manufacturing, services and sales offices in 9 countries and its shares (GLA1V) are listed on NASDAQ Helsinki Ltd.

Our equipment efficiency cuts costs for higher productivity and better bottom-line results. With our advanced automation solutions, experience effortless production line operation with flawless accuracy and consistent quality. Extend your machinery life and see higher uptime with comprehensive services.

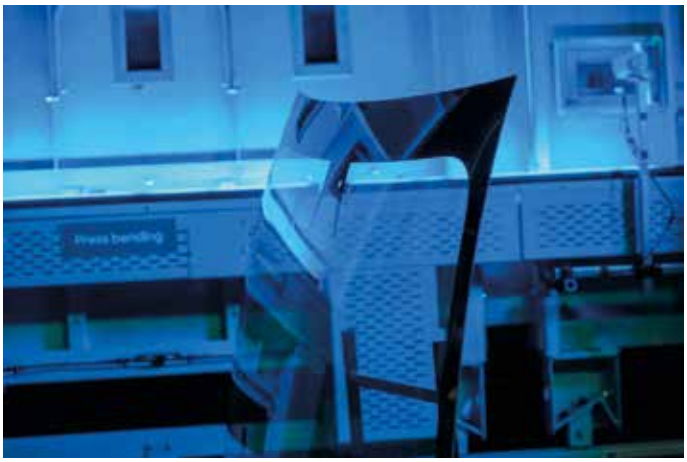
In Glass Tempering:
Glaston's latest-generation RC and FC Series tempering line technologies underscore our commitment to continuous development and customer satisfaction. Since their first introduction to the market in 2010, our RC and FC Series have evolved substantially. Today, we proudly present the 7th generation, tailored to meet your specific needs with our "fit for you" approach. Our pioneering automation solutions designed to accelerate operation across all production stages further boost these newest-generation lines.

Glaston Autopilot is our latest innovation for higher speed, continuous quality and reduced waste in glass tempering. The solution automates the operation of Glaston's glass tempering machines, minimizing operator input in the process and offering process control without parameters.

In Glass Lamination:
Glaston ProL flat glass lamination line provides greater flexibility for mixed production. The ProL convection heating chamber makes switching between glass types and different glass sandwiches easier. The new ProL SPEED edition takes laminating production efficiency to a new level by increasing production output by up to 40%.
Glaston ProL lines offer market-leading automation to reduce the need for manual labor. The lines are fully equipped with automatic processing capabilities from automatic glass handling to automatic foil placement to automatic trimming of produced sandwiches.
The ProL Convection control technology is Glaston's new solution to address the increasing demand for structural interlayers. It offers a significantly wider operating window, even with complex laminates.

In Insulating Glass Manufacturing:
Glaston TPS® PRO revolutionizes efficiency and productivity in insulating glass manufacturing. The latest solution features a new control system and production process subsequence for as much as a 15% higher yield. The Thermo Plastic Spacer (TPS®) material can be applied directly onto the glass plate to flexibly produce IG units, multilayers, or solar panels. The new drum pump system concept leads to a higher material discharge due to the tandem operation without any time loss.
Glaston triple thin IG unit production meets regulatory demands and promotes sustainable practices. Offering significant energy efficiency benefits, the solution is perfect for building renovations reusing existing window frames.
Glaston MUNTIN'MASTER for TPS® lines automates the correct setting of muntins in TPS® IG units. This advanced solution replaces manual work, boosting precision and efficiency with speed by using innovative embedding technology. Thanks to the elimination of muntin end pieces, this new machine is a highly economical solution.
Glaston ACTIVE'SEALER automates double glazing production with its proven dosing technology. The solution shifts operations from manual sealing to automated sealing, ensuring consistent quality and faster production times. **ACTIVE'SEALER** is specifically designed for markets with a high proportion of double IG units.

Glaston TPS® PRO'APPLICATOR



Glaston MATRIX EVO

In Mobility and Display glass processing:
Glaston CHAMP EVO for mobility glass preprocessing automates the cutting, breaking and grinding phases, increasing performance and speed. Along with other technological advancements, the line's freely moveable glass holding system speeds up changeover times while ensuring precision and quality. This generation offers better controllability, more dynamic movements and high grind edge quality for all shapes.
The **Glaston HYPERFEX** grinding system revolutionizes glass edge grinding. The new HYPERFEX grinding wheels consider all aspects of glass preprocessing for different applications and demonstrate significantly improved performance.
The new **Glaston MATRIX EVO** automatic windshield bending furnace is designed for faster, high-performance production. The line's new windshield press bends deep sags and wraps around corners precisely. Glaston's active convection technology speeds up heating even for coated, printed or otherwise complex glass types. MATRIX EVO is available in various sizes and configurations to meet your specific needs.

In Processing Automation:
An automated glass loader and unloader place glass onto the line most efficiently, based on batch patterns and production needs. Regardless of the type of glass processing, the systems boost production, enhance quality, increase safety and reduce energy consumption.
For tempering and laminating lines, **automatic batch optimization** enables processors to generate the most efficient batch patterns based on the specific type and processing requirements. This results in increased capacity and reduced energy consumption.

In Services:
Glaston Care offers comprehensive service agreements guaranteeing the highest possible equipment reliability. Our lifecycle support minimizes downtime, reduces total cost of ownership and extends the life of your machines.

More about our products and services: www.glaston.net