

ARCHITECTURE AND APPLIANCES

# glaston



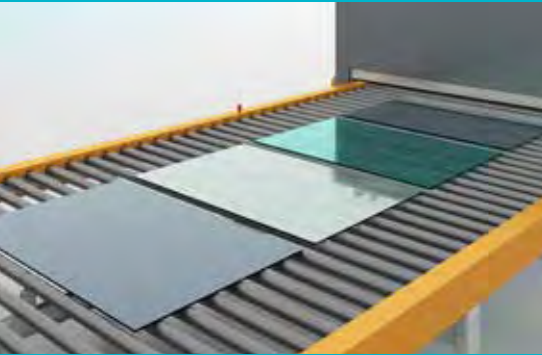
Revolutionize  
the production  
of laminated  
glass

## Glaston ProL™

Flat glass laminating furnace

## Glaston ProL™ Series

Looking to reach the highest quality in all types of laminated glass?  
Three reasons for choosing Glaston ProL™ laminating line



### 1. Revolutionize lamination – for all glass types

- Choose the best for Low-E and printed glass
- Laminate all glass sizes flexibly
- Recipe-free process & flexible loadings



### 2. Save energy, resources – and money

- Up to 50% in energy savings
- Super simple process control
- Uniform heating cuts waste by half



### 3. Grow your business for a lifetime

- Stay future-proof with upgrades
- Take full advantage of the Glaston community
- Serve for decades thanks to quality engineering



Whatever your glass  
type or glass size –  
choose Glaston ProL™  
for high-performance  
laminated glass.



# ProL™: The new benchmark for the most complex glass laminating



## “Press Start in the morning, Stop in the evening”

We have paid special attention to making ProL as easy to operate as possible. The process is practically *recipe-free*: you need to input only one parameter, and the rest will take care of itself. No more trial and error juggling with a number of variables.

Managing different glass sizes is equally easy and quick. Sheet-by-sheet operation

with a movable lifting device and flexible PVB handling is suitable for large size laminates. For small and medium size glass, you can use the line in continuous mode for high throughput and outstanding flexibility.

ProL also allows a carefully planned composition and number of PVB rolls in step-by-step mode, with efficient changeover time.



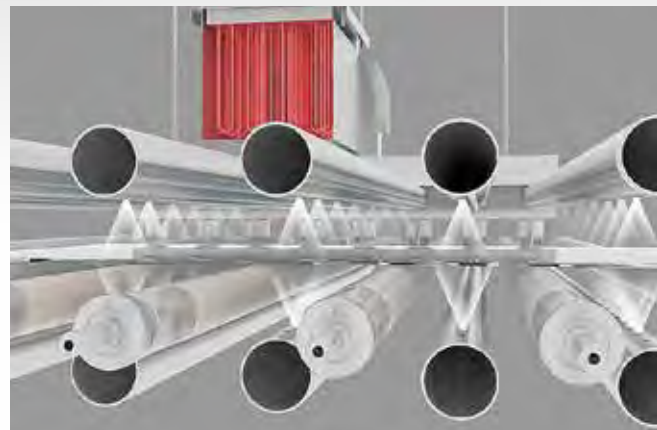
## Double your capacity

For optimal efficiency, you need to be able to customize glass sizes and shapes, use asymmetrical laminates and Low-E glass, as well as handle different PVB widths and colors.

The very concept of ProL is based on reaching a production capacity balance with Low-E and clear glass. ProL uses *full*

*convection* technology, which does not differentiate between glass types or product modes.

The convection system provides accurate and optimized heat transfer, giving you consistently superb glass quality and up to *100% capacity increase* compared to traditional infrared heating.



## Cut down on energy costs

In conventional radiation furnaces, the heat tends to fluctuate unevenly, causing energy loss and variation in glass quality.

ProL's full convection technology gives you the best possible control over the chamber temperature. This eliminates all heat loss, which

means considerable savings in energy costs.

Thanks to its consistently high quality output and user-friendliness, ProL helps you to reduce waste rate and reclaims.



## Looking for extra laminating performance? This solution works for all laminating lines in the world.

Upgrade and extend the lifetime of your laminating machine with a unique convection system. ProL-zone™ is designed to be a quick and easy way to replace a damaged and/or outdated laminating line heating chamber instead of acquiring a complete new line. With ProL-zone you can upgrade your existing lamination line to meet the latest market demands in high quality, capacity and Low-E processing.

### Benefits:

- **Recipe free process** – same recipe for all glass types
- **No change-over times** between glass types
- **Save energy** with closed-loop full convection & low process temperature



New heating chamber with the latest convection technology & new hot pressing unit



Improve overall performance and enhance operations with a new control system – fast to learn and easy to use



Add more capacity with an additional heating chamber







## Glaston Genuine Care keeps you performing

As the industry leader, we offer you the best in service and support with Glaston Genuine Care. It's our way to extend the lifetime of your glass processing machinery, cut operating and maintenance costs and take your business to the next level.

Glaston Genuine Care includes all services needed over the lifetime of your machinery, including Glaston Care agreements, spare parts and tools, service work, training and consulting, as well as upgrades.

This is our genuine commitment to your long-term success. For more information, please contact your nearest Glaston representative at [glaston.net/contacts](https://www.glaston.net/contacts)

# Glaston – changing the way the world sees glass

NOTE: Images shown in this brochure are indicative and depend on the level of equipment. Models may differ from the pictures shown.



We are a global company that develops glass processing technology for architectural, automotive, appliance, and solar industries.

As the market and technology leader, we provide you with the highest quality glass processing machines and lifecycle services.

We have the largest installed machine base in the industry, with deliveries to more than 100 countries.

## glaston

[www.glaston.net](http://www.glaston.net)

Keep in touch with the latest industry news, business insights and practical tips at  
[www.glastory.net](http://www.glastory.net)

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