



We have reinvented
lamination!

Bystronic
glass

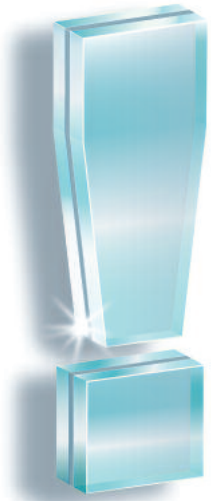
eco'connect

Pre-laminating furnace

Revolutionary production technology for laminated glass manufacturing

- ◆ New, revolutionary heating- and press system for the manufacture of high quality laminated glasses of all kinds
- ◆ Significantly reduced cycle times
- ◆ Processing of shaped formats and multi-functional glasses
- ◆ Efficient laminating of highly reflective, coated glasses together with float glass, heat strengthened glass and tempered glass
- ◆ Processing of all common film types, e.g. PVB, EVA, SentryGlas® plus
- ◆ Easy design of complex glass constructions
- ◆ Simple reproduction of all glass constructions through formulaic database (Laminoptic)
- ◆ Individual, tailor-made customer solutions thanks to modular concept
- ◆ Very well suitable also for the laminating of photovoltaics thin-film modules
- ◆ Up to a 30 % reduction in energy consumption





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Dynamic heating system

- ◆ High performance convection system for a homogeneous glass heating
- ◆ New radiant heater technology, optional with separated radiant heaters, for a significantly reduced energy consumption
- ◆ Optimal heat transfer during warm through for effective and fast heating of different glass constructions
- ◆ Closed convection loop
- ◆ Quickest product change

Effective press system

- ◆ High and constant pressure generation for optimum ventilation of glass constructions
- ◆ Precise electromechanical pressing
- ◆ New press profile especially designed for shaped formats and multifunctional glasses
- ◆ Improvement in energy efficiency due to release of compressed air

Technical data	
Minimum glass size	250 x 400 mm
Maximum glass size	3300 x 9000 mm Other max. glass sizes on request
Sandwich thickness	4 – 100 mm
Glass types	– Float glass, also with the latest coatings – Mirrors – Tempered and heat strengthened glass Other glass types on request
Laminating interlayers	– PVB – EVA – SGP (SentryGlas® plus)