

Machinery + Equipment

Machinery

Cutting

2 fully-automatic cutting lines for rectangular and shaped glass up to 25 mm thickness are operated by input from production controls where stock sheet sizes are automatically sent to the cutting bed and cut to accurate sizes. An integrated edge-deletion system can be simultaneously operated for soft coated glass.

Processing

- 2 double-sided combined, horizontal grinding machines with corner grinders



- 5 automatic glass wash- and drying machines – after each processing operation the glass is cleaned
- CNC controlled Portal drilling machine
- CNC processing centre for 3-axis milling, drilling and grinding processes with interface to CAD/CAM programs
- Water-jet drilling and cutting machine with CNC control. The special pump system creates a water-jet pressure up to 3,600 bar. This allows all drilled holes, cut-outs and shapes to be machined without restriction.
- Automatic CNC arrissing station
- Misc. machines for manual glass processing: Sawing, drilling, polishing etc.

Machinery + Equipment

Heat-Treatment

3 electrically heated tempering furnaces incl. very modern convection systems in the upper and lower chambers for the production of coated Fully Tempered and heat-Strengthened glass up to a size of 2800 x 6000 mm.



Laminated Safety Glass

2 laminating lines with air-conditioned interlayer storage and laying rooms. A modern pre-lamination furnace with various heating-coils which achieves optimum efficiency and highest standards of quality. In addition a vacuum-bag pre-lamination and Autoclave exist for production of highly complex laminates and interlayers.

Insulated Glass

2 Insulated glass lines with integrated platen presses and gas filling station as well as automatic edge seal application, complete with spacer bar bender. A specially developed process is used at the gas filling and assembly station which facilitates seasonal temperature and barometric pressure to be controlled.

Machinery + Equipment

1 insulating glass special production line achieves the industrial manufacture of triple-glazed insulating glass up to dimensions of 3.2 x 6.0 meters including automatic gas-filling and 4-sided stepped edges.

HST

8 certified Heat-Soak-Test chambers with dimensions up to a max. of 2800 x 6000 mm.

Enamel/ Screenprint

- 1 Enamel roller machine
- 3 semi-automatic Screenprint tables with drying zones and Screen washing machine with sizes up to 2800 x 6000 mm

Environment and waste management

An effective water recycling system for the complete factory with a waste water cleaning system protects the environment.