Advance

Glass tempering machinery and furnaces

A AUTOMATION T TEMP D DECO L LAMI

Description

Advance, continuous tempering furnace with modular structure, characterized by a high control & automation level. It is equipped with an advanced convection system, designed in different widths and lengths, to satisfy the production requirements of the different sectors of the glass industry: household appliances, panels for furniture and shower boxes, photovoltaic, automotive, architectural.

Keraglass tempering furnaces have gained positions over the main competitors world-wide, thanks to a number of technical features resulting in remarkable advantages for the end-users:

Robust structure, making the furnace a life-long stable machine.

- High grade insulation with eco-fiber panels rated for 1200°C.
- High efficiency radiant panels with long lasting heating elements, covered by an 8 year guarantee.
- Bottom heating elements protected by stainless steel plates for high temperature, ensuring elements protection and easy cleaning, providing a uniform heating and clean environment in the furnace.
- Internal walls lining with Cordierite refractory plates, preventing any dispersion of fiber particles inside the furnace (very important in convection mode).
- Upper and lower blowers moving independently and set automatically, according to the parameter of the production recipe.
- Roller kinematics with precision toothed belts transmission, ensuring no backlash between the rollers and the best optical quality of the glass.
- Use of standard control systems in order to certify and improve the quality of the final product, i.e. the Vision System (IRScanner) and the two computers for production control.
- Use of UPS emergency back-up system.

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