OVENS





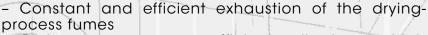




Oven for Digital Plotter - mod. PLOTTER-HEAT

This is part of the innovative drying group for printed fabrics with digital technology. The unit can be installed at the outlet of a digital textile plotter.

Its main characteristics:



- Drying process more efficient, allowing a high printing speed

Drying uniformity

Unaltered printed colours after the drying process

- Perfect control of the unwinding tension



The unit is equipped with special IR lamps combined with an efficient air recirculating unit. The lamps are integrated and synchronized with the speed of the printing belt. As the belt stops, the lamps cool immediately, in order to avoid the risk of fabric damage. Besides, it is expected that a special motorized system for the fabric rewinding will maintain a perfectly constant speed and tension, also with a variation in the roll diameter; it is managed by a suitable electronic system with a sensor. The rewinding group is completed with an innovative vertical moving system for the fabric transmission cylinders, operated by pneumatic pistons. This system permits an easy passage of the fabrics and makes possible the high repetitiveness of the working conditions; it is equipped with a positioning system that is adjustable with a milimetred bar. The machine is equipped with PLC for managing the unit. This allows easy synchronisation with the existing plotter.

TECHNICAL DATA

Useful width 1800 mm

Power supply 400 V/50 Hz/three-phase

Max. installed power 10 kW

Compressed air 7+- Kg/cm2







