

OVENS

OVEN FOR DIGITAL TEXTILE PLOTTER - mod. PLOTTER-HEAT



Innovative drying group for printed fabrics with digital technology.

The unit can be installed at the outlet of a digital textile plotter.

Main characteristics:

- Contrast and efficient exhaustion of the drying process fumes
- 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. The lamps are integrated and synchronized with the speed of the printing belt. At the belt stop, the lamps cool immediately in order to avoid risk of fabric damage.

Besides, it is foreseen a special motorized system for the fabric rewinding that allows to maintain perfectly constant speed and tension also with a variation of 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 of the fabric transmission cylinders, operated by pneumatic pistons. This system permits an easy pass of the machine and makes possible a high repetitiveness of the work conditions; it is equipped with a positioning system adjustable with a millimetric bar.

The machine is equipped with PLC for managing the unit. This allows an easy synchronisation with the existing plotter.

TECHNICAL DATA

Useful width	1800 mm
Power supply	400 V/50 Hz/Three-phase
Installed power	10 KW
Compressed air	7 ± 1 Kg/cm ²

