



# SCREEN PRINTING

## MATERIAL

### JET AIR DRYING TUNNEL

The **Jet air drying tunnel** is mainly used to accelerate the drying of solvent based inks printed on papers, cartons, PVC, plastics in sheets, wood and metal panels.

This material is manufactured in 3 standard widths, from 80 cm to 120 cm opening. On request, we can manufacture other sizes.

#### Modular design

The modular design with two elements of 2 m length, allows the realization of an evolutive assembly, adapted to the users' requirements.

Each element is controlled separately by the console situated inside the entry element.

Our standard model (1) is composed of one entry, one heating element, one cooling element and of one exit. Additional heating, cooling and UV or IR element can be easily added to this unit.



## Characteristics

- Stable and resistant teflon-glass blanket
- Electronic speed variation from 0,1 to 15 m/mn (please consult us for other reduction ratios)
- Parallelism and belt conveyor tension adjustments
- Temperature regulation controlled by thermostat
- Easy access to main switch and emergency knobs
- Large diameter ducts (200 mm) to exhaust solvent fumes

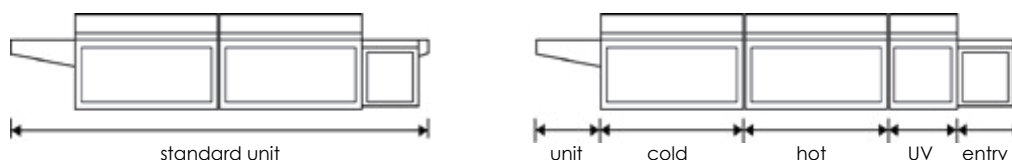
**Thanks to its strong construction, its meticulous thermal insulation, its soundless functioning, this JA drying tunnel is a particularly homogeneous and efficient equipment in compliance with the current requirements of hygiene and energy savings.**

## Working process

Drying is obtained by the action of hot air jets on printed materials. Each element contains a powerful turbine which ensures the quick air circulation.

In the heating element, air is heated when passing on reinforced resistances. It is then recycled in order to realize energy savings and the appropriate setting on the conveyor of the thinnest sheets.

Each element is equipped with an extracting turbine.



JET AIR DRYING TUNNEL	80 Ref. 2215070	100 Ref. 2215100	120 Ref. 2215120
MECHANICAL CHARACTERISTICS			
Conveyor width	80 cm	100 cm	120 cm
Opening	4 cm	4 cm	4 cm
OVERALL DIMENSIONS			
Overall width of elements	105 cm	145 cm	165 cm
Length of the input and output elements	85 cm	85 cm	85 cm
Standard length of tunnel	5,80 m	5,80 m	5,80 m
Carpet height	90 cm	90 cm	90 cm
Approximate weight of the standard package	900 kg	1 050 kg	1 200 kg
THERMAL CHARACTERISTICS			
Power heating element 2m	18 kW	18 kW	18 kW
Temperature in the heating element	mini: ambient (20 ° C for example) maxi : about 70°C		
ELECTRICAL CHARACTERISTICS			
Supply voltage (three-phase)	380 V	380 V	380 V
Total power for the standard package	25 kW	25 kW	25 kW
Three-phase current at 380 V	36 A	36 A	36 A

Product manufactured in France



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