



SCREEN PRINTING

EQUIPMENTS

«T-BOX» DRYING TUNNEL

The new « T BOX » has been designed to cure textile inks : water base inks, plastisol inks, solvent based inks.

Working principles

Assembled with middle waves radiant transmitters, this new dryer will offer new benefits :

- Quicker starting temperature: 5 min in average.
- Perfect curing solution to limit fabrics bleedings.
- Shorter curing time
- Higher reactivity while switching curing temperatures parameters
- Better resistance to draught
- Higher drying productivity (+33%) : the 1 element heating dryer (1,3 m) T-BOX equals to a 2 elements heating standard infrared dryer (2,6 m).

The optimized size of its frame will perfectly fit with small size workshops.



Technical features

- Teflon glass conveyor belt resisting to heat (250°C)
- Variable conveyor speed from 0.4 to 6.5 m/mn (please, consult us for other reduction ratios)
- Parallelism and conveyor tension adjustments, stopping collar guiding
- Collapsible shutters allowing thick support passage such as caps
- Drying area, controlled by a switch and guided by a temperature regulator with digital display
- Fumes collector on the drying tunnel exit (125 mm diameter)
- Metal frame with 4 wheels ensuring an easy moving

T-BOX DRYING TUNNEL	T-BOX 80		T-BOX 120	
	1 element Ref. 2210081TB	2 elements Ref. 2210082TB	1 element Ref. 2210121TB	2 elements Ref. 2210122TB
MECHANICAL CHARACTERISTICS				
Useful width	80 cm		120 cm	
Opening	90 x 12 cm	90 x 12 cm	130 x 12 cm	
From ground conveyor height	82 cm			
OVERALL DIMENSIONS				
Overall width	120 cm		160 cm	
Under element length	130 cm	260 cm	130 cm	260 cm
Overall length	270 cm	400 cm	270 cm	400 cm
Overall height	130 cm			
Exit and entry useful length	60 cm / 60 cm			
Net weight	265 kg	365 kg	315 kg	460 kg
Gross weight	360 kg	460 kg	430 kg	600 kg
ELECTRICAL CHARACTERISTICS				
Heating	6 radiant elements 1000 W	12 radiant elements 1000 W	6 radiant elements 1850 W	12 radiant elements 1850 W
Total power	6,7 kW	12,7 kW	11,8 kW	22,9 kW
Feeding	400 V tri			
3-phase intensity 400 V	9,7 A	18,4 A	17,1 A	33,1 A
Conveyor speed	30 s to 2 mn			
Operating sound level	69 decibels max.			

On request and after study, we can supply combined drying tunnel composed of jet air element, infrared element and cooling section.

Product manufactured in France.

