



## T-PROMIX SILK-PRINTING INK DRYING OVEN FOR TEXTILE



### TECHNICAL AND FUNCTIONAL CHARACTERISTICS

#### STRUCTURE

The load-bearing structure is made of steel tubes and insulated plates that ensure the machine is well heat insulated.

#### TRANSPORT SYSTEM

The transport system consists of a fibreglass mesh conveyor belt with Teflon coating that is resistant to high temperatures. Steel idle rollers support the conveyor belt all along its length. The belt is driven and managed by an inverter and the transportation speed can be adjusted by means of a potentiometer fitted on the control console.

#### DRYING TUNNEL

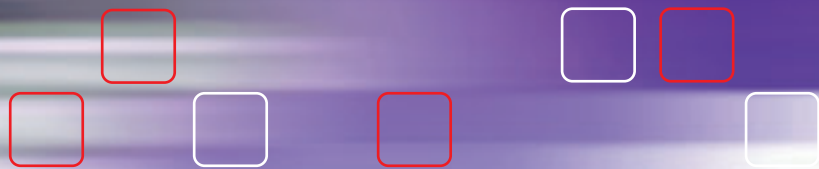
The drying oven of T-PROMIX 2,700 and 3,500 models is composed of a set of infrared lamps which can be adjusted in two ways: mechanically to adjust the radiation height of the lamps above the printed surface and electronically to adjust the radiation intensity by means of a potentiometer from the control panel. In the T-PROMIX 5,000 - 6,500 and 8,500- the first part of the drying oven consists of hot air blowers with a temperature that can be set from the control panel and managed by means a thermostat and that is constantly displayed on the screen.

The second part of the drying tunnel consists of a set of infrared lamps that can also be adjusted in two ways: mechanically or electronically.

At the ends and at the centre of the drying tunnel there are three extractors to expel the vapours generated by the paints; these extractors are fitted with a collector that can be connected to a suction plant.

#### COOLING TUNNEL

It consists of one high pressure electric fan that allows a large quantity of air at ambient temperature to flow into the tunnel through a lamellar system and so make it possible to cool the printed surface partially. The electric fan is driven and managed from the control panel.



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MODEL	T-PROMIX 2700		T-PROMIX 3500		T-PROMIX 5000		T-PROMIX 6500		T-PROMIX 8500	
Length	mm	2700	mm	3500	mm	5000	mm	10.000	mm	10.000
Width	mm	1000	mm	1200	mm	1200/1400	mm	1200/1400	mm	1600/1800
Width with control panel	mm	1300	mm	1500	mm	1500/1700	mm	1500/1700	mm	1900/2100
Height	mm	1580	mm	1580	mm	1580	mm	1580	mm	1580
Width of conveyor belt	mm	600	mm	800	mm	800/1000	mm	800/1000	mm	1200/1400
Working height	mm	850/900	mm	850/900	mm	850/900	mm	850/900	mm	850/900
Min. transport speed	m/min.	1,5	m/min.	1,5	m/min.	1,5	m/min.	1,5	m/min.	1,5
Max. transport speed	m/min.	6,0	m/min.	6,0	m/min.	6,0	m/min.	6,0	m/min.	6,0
Height of tunnel	mm	150	mm	150	mm	150	mm	150	mm	150
Power consumption	Kw	9,5	Kw	11,5	Kw	15,5/16,5	Kw	17,5/19,5	Kw	29,5/33,5