



W-PROMIX SILK-PRINTING INK DRYING OVEN FOR WOOD



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 (standard version); on request, it can be fitted with a kevlar mesh conveyor belt with teflon coating for more mechanical resistance. Steel idle rollers support the conveyor belt along all 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 first part of the drying tunnel consists of hot air blowers which temperature that can be set from the control panel and managed by means a thermostat; the temperature is constantly displayed on the screen. The second part of the drying tunnel consists of a set of infrared lamps with adjustable radiation power whereby it is possible to choose whether to switch all the infrared lamps that compose the set or only a part of it.

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 set of high pressure electric fans that allow a large quantity of air at ambient temperature to flow into the tunnel through a lamellar system making it possible to cool the wooden panels partially. The electric fans are driven and managed from the control panel.



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MODEL	W-PROMIX 8500X1200		W-PROMIX 10000X1200		W-PROMIX 10000X1400	
	Length	mm	8.500	mm	10.000	mm
Width	mm	1700	mm	1900	mm	2100
Width with control panel	mm	2000	mm	2200	mm	2400
Height	mm	1580	mm	1580	mm	1580
Width of conveyor belt	mm	1200	mm	1200	mm	1400
Working height	mm	850/900	mm	850/900	mm	850/900
Min. transport speed	m/min.	3,0	m/min.	3,0	m/min.	3,0
Max. transport speed	m/min.	10,0	m/min.	10,0	m/min.	10,0
Height of tunnel	mm	60	mm	60	mm	60
Power consumption	Kw	20	Kw	35	Kw	40