



G-PROMIX SILK-PRINTING INK DRYING OVEN FOR GLASS



TECHNICAL AND FUNCTIONAL CHARACTERISTICS

STRUCTURE

The load-bearing structure is made of steel tubes and heat 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 extra 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 drying tunnel is composed of three consecutive sets of infrared lamps.

The three sets can be selected and enabled independently from the control console; it is also possible to vary the radiation power of each set by choosing to enable all the infrared lamps that compose it (9), or only a part of it (6).

Each infrared lamp set ends with a blower that blows the hot air generated by the lamps themselves. 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 eight high pressure electric fans that allow 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 glass panels partially. The electric fans are managed through the command panel and can be activated in sets of four.



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MODEL	G-PROMIX 10000X1200		G-PROMIX 10000X1400		G-PROMIX 10000X1600	
Length	mm	10.000	mm	10.000	mm	10.000
Width	mm	1600	mm	1800	mm	2000
Width with control panel	mm	1900	mm	2100	mm	2300
Height	mm	1580	mm	1580	mm	1580
Width of conveyor belt	mm	1200	mm	1400	mm	1600
Working height	mm	850/900	mm	850/900	mm	850/900
Min. transport speed	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
Height of tunnel	mm	60	mm	60	mm	60
Power consumption	Kw	48	Kw	58	Kw	71