



PRE-HEATER PH 850





DESCRIPTION

The pre-heater model 850 is a compact, high-performance unit designed and built to heat the panels to be laminated with dry film photoresist, in the Rohm and Haas Electronic Materials Automatic Laminator model 1600-SPC/T. It is particularly suited to handle panels with large dimensions and increased thicknesses. The heater does not come into contact with the panels, which avoids dust and chips sticking to them.

ADVANTAGES

- New stainless steel construction—suitable for clean room operation
- Very efficient heating system by 4 IR panels
- Suitable for innerlayer or rigid panels—full range from 0.1–12.7 mm (0.004–0.5 in.) thickness
- Panel sizes up to 787 mm (31 in.) wide
- High transport speed up to 5 m/min.
- Preset for automatic in-line operation—easy handshake with other units
- Synchronized speed with Automatic Laminator 1600-SPC/T
- Digital temperature control
- Possibility to interface with a panel cleaning system
- Movable control panel
- Automatic set-up of working parameters
- Convenient operator access

Overall Dimensions		Panel Size	
Width	1,340 mm (52.8 in.)	Width (max.)	787 mm (31.0 in.)
Length	1,160 mm (45.7 in.)	Length (max.)	—
Height (min.–max.)	1,140–1,340 mm (44.9–52.8 in.)	Height (min.–max.)	0.1–12.7 mm (0.004–0.500 in.)
Electrical Requirements		Conveyor (Adjustment)	
Power Type	3 phase; 50/60 Hz + Ground	Conveyor Height	860–1,060 mm
Power Consumption	10.5 KVA	(min.–max.)	(33.9–41.7 in.)
Nominal Voltage*	400/480/220/200V ±7%	Conveyor Speed	Conveyor speed adjustable up to 5 m/min. (16.4 ft./min.)
Compressed Air			
Compressed air not required			
Weight			
Gross	505 kg (1,113 lbs.)		
Net	356 kg (783 lbs.)		
Working Parameters			
Temperature adjustable up to 450°C (842°F)			
*Different voltage can be provided upon requirement.			