



DUAL BELT VACUUM APPLICATOR CVA 725/DB





DESCRIPTION

The Dual Belt Vacuum Applicator model 725/DB, designed and built to ensure complete elimination of air from the surfaces of a printed circuit board, as well as perfect encapsulation of the traces. The machine has been developed for the simultaneous application on both sides of the printed circuit panel of dry film, high-conformation dry film soldermask ConforMASK™ and conventional dry film soldermask or dielectric film, and copper foil for SBU technology. This unique machine ensures excellent lamination performance by means of high temperature and high pressure. A dual belt system combined with special cleaning units provides for removal of resin residues. It is suitable for in-line or stand-alone mode operation. The machine is provided with a data management system to supervise and statistically control the process parameters via a proprietary software.

ADVANTAGES

- New style stainless steel construction suitable for clean room operation
- Suitable for innerlayer or rigid panels full range from 0.05–6.40 mm (0.002–0.250 in.) thickness
- Greatly reduces soldermask film waste
- Panel sizes up to 635 x 635 mm (25 x 25 in.)
- Entire platen area can be filled with one or more panels
- State-of-the-art vacuum technology—high lamination pressure
- Completely controlled by PLC—operator interface in local language
- High lamination temperature—platen temperatures individually controlled
- Dual belt system with cleaning units for removal of resin residues
- Preset for automatic in-line operation—easy handshake with other units
- Output panel temperature detected

Overall Dimensions		Panel Size	
Width	1,190 mm (46.9 in.)	Width (max.)	635 mm (25.0 in.)
Length	2,740 mm (107.9 in.)	Length (max.)	635 mm (25.0 in.)
Height (min.–max.)	1,240–1,320 mm (48.8–52.0 in.)	Thickness (min.–max.)	0.05–6.4 mm (0.002–0.252 in.)
Overall Dimensions (Electrical Cabinet)			
Width	1,000 mm (9. in. Height i .–max.) 960–1,050 mm (3 .8–41.3 n		
Length	490 mm (19.3 in.)		
Height	960 mm (37.8 in.)		
Electrical Requirements			
Power Type	3 phase; 50/60 Hz + Ground		
Power Consumption	6.5 KVA		
Nominal Voltage*	400/480/220/200V ±7%		
Compressed Air			
Consumption	25 NI/cycle (0.88 cfm)		
Working Pressure	6 kg/cm (85.3 psi)		
Weight			
Gross	1,550 kg (3,416 lbs.)		
Net	1,186 kg (2,614 lbs.)		
Working Parameters			
Temperature adjustable up to 150°C (302°F)			
Lamination pressure adjustable up to 3 kg/cm (42.7 psi)			