

# 壓膜機系列

# CSUN

## DRY FILM LAMINATOR SYSTEM

## CSL-A25T



## CSL-M25R/E

手動壓膜機  
Manual Type

## CSL-A25T

自動壓膜機  
Automatic Type

- With board guider at in-feeding section can support to laminate 0.05mm board thickness (non-including copper layer).
- With thermal sensor to detect the PCB surface temperature at out-feeding section ensures laminated quality.
- Dust-proof design, keep off particulate contamination.
- The Viewport of transmission system design can real-time monitor and detect of malfunction.
- Scrap tray for film cutting
- 輸送部份加裝導板，可壓0.05mm (不含銅) 之薄板
- 出板溫度監控設計，有效確保壓膜品質
- 進/出料段及中段壓膜段之防塵設計，有效降低 Particle 污染
- 傳動與監控採透明化設計，可即時監控預防異常狀況發生
- 切膜承屑裝置

自動壓膜機系列機型：

CSL-A25C	Contact Free Type
CSL-A25D	Double Roller Type Laminator
CSL-A25H	High Pressure Conformation
CSL-A25PHII	Include Pre-Heater Device Special for Thin Core in 0.05mm Copper
CSL-A25T/E	Standard Type
CSL-A25U II	High Pressure Uniformity with Double Roller
CSL-A25UPHII	Include Pre-Heater Device Special for Thin Core in 0.05mm Copper High Pressure Uniformity with Double Roller
CSL-A32	for 32" Wide Back Panel - 24x32" 大排版

## Leading in Thermal and UV Light Processing Equipment

## CSL-A25T 自動壓膜機 Automatic Type

適用範圍 Panel Dimension	Length: 250 to 640mm (10" to 25") Width: 250 to 640mm (10" to 25") Thickness: 0.05mm (without copper) ,single thickness> 1/3oz~3.2mm
乾膜尺寸 Dry film dimension	Width: 250 to 610mm (10" to 24") Thickness: 15 to 76μm (0.6 to 3.0mil) Supply roll diameter:φ160-250mm Max.(Optional:1000ft)
壓膜製程 Lamination process	Conveyor speed: 1-4 m/min (39.37-157.48in/min) adjustable Processing capacity: 4pcs/min (18" panel, 2.5m/min,17cm spacing) Pressure: 2~4 kg/cm <sup>2</sup> Tacking time: 1-7 sec (adjustable) Temperature: Ambient to 130°C Pressure roll size:φ78.6 x 760mm Induction heater 1.5KW x 2
壓膜功能 Laminatable dimension against base board	Front-end spacing from leading edge: 1 to 49.9mm (0.04" to 2") Rear-end spacing from trailing edge: 1 to 12.9mm (0.04" to 0.5") Side edge tolerance: ±1mm (0.04") Resist detection: Non-contact, resist film chamber empty alarm
機台尺寸/重量 Dimension/Weight	External dimension: L2168 x W1530 x H2098mm/1650 kg Pass line: 950+50mm
外部供應 Utilities	Air supply: Compressed air@6kgf/cm <sup>2</sup> (90psi), 40L/min Power: A380V 3φ 50Hz, 12KVA (various power supply choices available)
進料段 Panel feed-in section	Section movable, with panel self-centering design
出料段 Panel outlet section	Section movable, with panel transfer rollers
溫度控制器 Temperature controller	RKC PID / Fuzzy, SSR, adjustable temperature control (溫度調整內建於人機介面)
控制方式 Operating mode	PLC + touch screen color LCD display
排氣 Exhaust	20CMM (12CMM x 1φ4 · 8CMM x 1φ4)

## CSL-M25R/E 手動壓膜機 Manual Type

適用範圍 Panel Dimension	Length: 250 to 640mm (10" to 25") Width: 250 to 640mm (10" to 25") Thickness: 0.05mm (without copper) to 3.2mm (0.002-0.12")
乾膜尺寸 Dry film dimension	Width: 250 to 610mm (10" to 24") Thickness: 15 to 76μm (0.6 to 3.0mil) Supply roll diameter:φ160-250mm Max.(Optional:1000ft)
壓膜製程 Lamination process	Conveyor speed: 1-4 m/min (39.37 - 157.48in/min) adjustable Pressure: 2~5kg/cm <sup>2</sup> (40-70psi) Pressure roll size:φ78.6 x 760mm
加熱方式 Heating method	CSL-M25R: Cartridge heater 2.0KW x 2 CSL-M25E: Induction heater 1.5KW x 2
外部供應 Utilities	Air supply: Compressed air@6kgf/cm <sup>2</sup> (90psi), 2L/min Power: AC220V 1φ60Hz (various power supply choices available)
機台尺寸 Dimension	External dimensionls: L1190 x W775 x H1235mm (不含下座 without base table) L1190 x W775 x H1740mm (含下座 with base table)
排氣 Exhaust	φ4" x 1 (4CMM)

Due to CSUN continuing efforts to improve their systems, these specifications are subject to change without notice.  
受長期研發需要，本公司保有規格修改之權利，恕不另行通知

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