

壓膜機系列

c sun

DRY FILM LAMINATOR SYSTEM

CSL-A32/CSL-A32II



志聖壓膜機系列

CSL-A43/ A49II	For 43" / 49" wide panel (Simple/ Double couple roller)
CSL-A32/ 32II	For 32" wide panel (Simple/ Double couple roller)
CSL-A30	For 30" wide panel
CSL-A25/ A25D	For 25" wide panel (Simple/ Double couple roller)
CSL-A25H/ A25HII	High pressure conformation (Simple/ Double couple roller)
CSL-A25U/ A25UII	Excellent pressure uniformity (Simple/ Double couple roller)
CSL-A25P	For S/M laminate with PET film
CSL-A10PH	For 10" wide panel (FPC/ Ceramics)

機台特點 Characteristics

- 已在業界驗證，實現高產速穩定生產。
High speed and stable production for many years.
- 適用於汽車板、通訊板、伺服板等厚板，優化乾膜填覆。
For thick plates such as automobile boards, communication boards, and servo boards to improve dry film filling.
- 獨特均溫壓輪設計，減少熱壓輪失溫，節能及快速補溫。
Special roller design, can be reduce the temperature loss of the roller, save energy and heat compensation.
- 兩對壓輪，可獨立調整包膠硬度、溫度、壓力，降低膜皺孔皺。
Double couple rollers can independently adjust the hardness, temperature, and pressure to reduce the laminate issue.



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Leading in Thermal and UV Light Processing Equipment

CSL-A32/CSL-A32II

適用範圍 Panel Dimension	Length: 380 ~ 813 mm (15"~32") Width: 380 ~ 813 mm (15"~32") Thickness: 0.05mm (without copper, single copper thickness > 1/3oz) ~ 3.2mm 0.05mm (including copper) ~ 1.6mm (Thin plates type)
壓膜製程 Lamination process	Conveyor speed: 1 ~ 5 M/min (39.37 ~ 196.85 in/min) adjustable Processing capacity: 5pcs/min (28" panel, 5 M/min, 200mm spacing) Pressure: 2 ~ 4 kg/cm ² Tacking time: 1 ~ 7 sec (adjustable) Temperature: Ambient to 130°C Pressure roll size: φ100 x 760mm Induction heater 1.5KW x 2
壓膜功能 Laminatable dimension against base board	Front-end spacing from leading edge: 1 ~ 49.9mm (0.04"~ 2") Rear-end spacing from trailing edge: 1 ~ 12.9mm (0.04"~ 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: D 1712 x W 2168 x H 2098 (mm)/1800 kg Pass line height : 950+50mm
外部供應 Utilities	Air supply: Compressed air@6kgf/cm ² (90psi), 40L/min Power: AC380V 3φ 50HZ 21KVA 32A (various power supply choices available)
進料段 Panel in-feed section	Section movable, with panel self-centering design
出料段 Panel out-feed section	Section movable, with panel transfer rollers
溫度控制器 Temperature controller	RKC PID / Fuzzy, SSR, adjustable temperature control
控制方式 Operating mode	PLC + touch screen color LCD display
排氣 Exhaust	14CMM (10CMM x 1φ4 , 4CMM x 1φ4)

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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