



**CSL-A25T/A32/A25C 自動壓膜機**  
Cut Sheet Laminator



**CSL-M25R/E 手動壓膜機**  
Manual Laminator



**DRY FILM LAMINATOR LINE**  
預熱機+自動壓膜機+冷卻翻版機  
Preheater+Laminator+Cooling Buffer

## ■ CSL-A25T 自動壓膜機特點:

1. 輸送部份加裝導板，可壓0.05mm(不含銅)之薄板。
2. 出板溫度監控設計，確保壓膜品質。
3. 進/出料段及中段壓膜段防塵設計，降低Particle污染。
4. 主要傳動及監控部份，採透明化設計，即時監控，預防異常狀況發生。
5. 切膜承屑裝置。

## ■ 自動壓膜機 CSL-A25T

機板尺寸 Panel Dimension	Length: 250 to 635mm (10" to 25") Width: 250 to 635mm (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 76 $\mu$ m (0.6 to 3.0mil) Supply Roll Diameter: $\phi$ 160-250mm Max.(Optional:1000ft)
壓膜製程 Lamination Process	Laminating speed: 1-4 m/min (39.37-157.48in/min) adjustable Processing Capacity: 4pcs/min (18" panel, 2.5m/min, 17cm spacing) Pressure: 3-5 kgf/cm <sup>2</sup> (40-70Psi) Tacking Time: 1-3 sec Temperature: Ambient to 120°C Pressure Roll size: $\phi$ 78.6 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: $\pm$ 1mm (0.04") Resist detection: non-contact, out of resist film alarm
機台尺寸/重量 Dimension/Weight	External dimension: L2313 x W1530 x H2060mm/1460 kgs Pass line: 950+50mm
外部供應 Utilities	Air supply: compressed air@6kgf/cm <sup>2</sup> (90psi), 40L/min Power: AC220V 3 $\phi$ 60HZ, 12KVA (various power available)
進料段 Panel Infeed Section	Section Movable, with Panel centering mechanism
出料段 Panel Outfeed Section	Section Movable, with Panel Transfer Rollers
溫度控制器 Temperature Controller	OMRON PID Fuzzy, SSR, Temp. adjustable (溫度調整內建於人機介面)
控制方式 Operating Control	PLC + Touch Screen Color LCD Display
排氣 Exhaust	$\phi$ 4" x 2 (Chemical exhaust 8 CMM & Hot air exhaust 4CMM)

## ■ 手動壓膜機 CSL-M25R/E

機板尺寸 Panel Dimension	Length: 250 to 635mm (10" to 25") Width: 250 to 635mm (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 76 $\mu$ m (0.6 to 3.0mil) Supply Roll Diameter: $\phi$ 160-250mm Max.(Optional:1000ft)
壓膜製程 Lamination Process	Laminating speed: 1-4 m/min (39.37 - 157.48in/min) adjustable Pressure: 3-5kgf/cm <sup>2</sup> (40-70Psi) Pressure Roll size: $\phi$ 78.6 x 760mm 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), 40L/min Power: AC220V 3 $\phi$ 60HZ (various power available)
機台尺寸 Dimension	External dimensions: L1190 x W872 x H1228mm (不含下座 without base table) L1190 x W872 x H1732mm (含下座 with base table)
排氣 Exhaust	$\phi$ 4" x 1 (4.6CMM)

※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。

Due to C SUN continuing efforts to improve their systems, these specifications are subject to change without notice.



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