LUMEN

Three In One Laminator

三合一光學膜裱膜設備

ALM-EP1400

適用產品及業界應用/適用業界/Applicative industry

- ●TFT-LCD液晶顯示器/增亮片、擴散片、光柵膜片、複合型光學膜、防刮膜等。
- ●HARDCOATING硬化塗層/ITO膜防刮保護膜、手機防刮保護膜、螢幕防刮保護膜、PC板/PP板材防刮塗佈等。
- ●IMR/IMF模內外觀飾件/髮絲紋、光學壓印微結構等。
- ●SOLAR太陽能電池/光學聚光膜等。
- ●LED照明/增亮膜、擴散膜、防眩膜等應用。
- ●其他可撓式材料或片材/反光片、反射片、鋁泊、銅片、PVC、PET等應用。

- ●**TFT-LCD**：BEF(Brightness Enhance Film), Diffuser, Lenticular film, Multi-coating optical film.
- ●**ITO film**：Anti- Scratch Protective film, Adhesive coated sheltering film, Anti- Scratch film (for screen) PP/PC Anti- Scratch Protective board coating.
- ●**IMR(In Mold Rolling) /IMF(In Mold forming)**：Hair-line printing ,Optical-molding film.
- ●**Solar Battery**：optical-Enhancement Film.
- ●**LED lighting / LED**: BEF(Brightness Enhance Film)、Diffuser、AG Film.
- ●**Other Flexible material & UV-board coating**: Reflector、Enhanced Secular Reflector、Aluminum foil、copper、PVC、PET.

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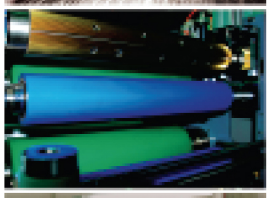

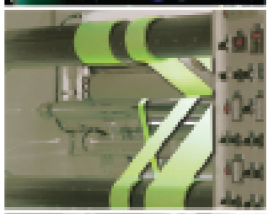

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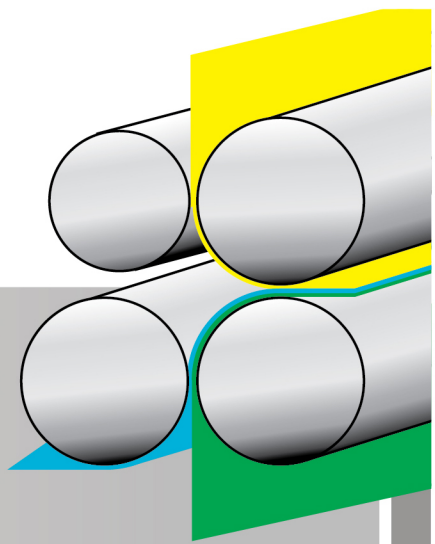
特點 /Feature

貼膜機制可同步雙面貼合，張力控制系統會消除膜片因伸縮而導致張力線，可選購因膜片厚薄不同，粘度不同而選用硬度不同貼合輪，材料捲出及收料可搭配中心捲取(送料)系統或表面捲取(送料)系統，機台配備檢驗燈，工作時可同步做驗料動作，貼膜時因拆膜而產耳料可使用拆摸組收取。

Laminating Machine is available to laminate both sides of materials , and the tension control system can eliminate tenstion lines. In addition, it is also available to install different laminating rolls, feeding（Receiving） system, and trim winder system by different special needs.

結構 /Pattern



光學膜片因微結構容易因細小粉塵，而導致良率降低，也常因膜片加工過程中磨擦而導致膜片結構垮掉，使用保護膜可保護膜片不因加工而損耗，保護膜粘度隨功能性不同而有粘度上的差異，而厚薄也會有所差異，佑順發裕膜機可雙面同時貼膜，貼膜時排氣及張力控制能將膜片在完成後不翹曲，不產生氣泡。

The process is easy to stick small dust because of the specific structure of optical films, which reduces the amount and quality of products output. However, Embossing Machines of Arlumi Machine CO.LTD can laminate two films on both sides and do a good job on tension control and exhaust gas. Therefore, the films do not warp and have no bubbles (＜0.05mm) when the film be produced.

選購工作站 /Selection

靜電消除器、分條模組、張力控制器、廢料捲取機、線上檢測系統、遠端監視系統。

規格 /Specification

成品尺寸	製品サイズ/MODEL	1900MM/1600MM/1200MM/1000MM/300MM桌上實驗型
收送料軸	巻取/巻出コア内径/Receiving roller	3”、6”氣漲軸、無軸心式
機台速度	生産速度/Speed	0-60M/MIN 工作速度 0-55M/MIN (依保護膜特性調整)

LUMEN

Slitting Machine In Clean Room

無塵分條設備(無軸心式)

ALM-EC1400

適用產品及業界應用/適用業界/Applicative industry

- TFT-LCD應用之光學膜片/增亮片、擴散片、光柵模片、複合型光學膜片等。
- 印刷薄膜/彩藝包材、鋁箔、錫箔、紙張等。
- 紡織業、醫療、電子業、 塑膠業、橡膠業。

- **FC-LCD Optics film**：BEF(Brightness Enhance Film)、Diffuser、Lenticular film、Multi-coating optical film.
- **Printing film**: Colorful paper, Aluminum foil, Foil, Paper… and etc.
- **Textile industry, Medical treatment industry, Electronics, Plastic industry, Rubber industry.**

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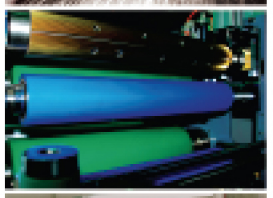

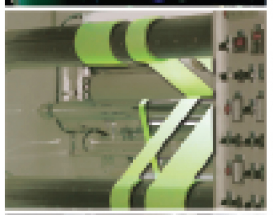

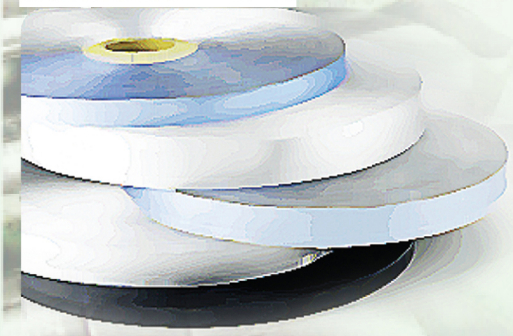

特點/Feature

分條複捲設備已經成為各大產業不可或缺的設備，研發更高性能及提高精密度是服務團隊前進的目標，領先同業的不只是更實在的價格，提高客户競爭力更是我們努力的方向。

Slitting & Re-reeling machines has became already Indispensable equipments in many different industres; therefore, Arlumi Machine Co., Ltd is keeping research the method to raise machine functions and precision of machine.

- 特殊刀具搭配，可針對不同材料選擇不同刀具。
- 潔淨機制，無粉塵或污染問題。
- 分條後產品無荷葉邊或肥邊等問題。
- 可搭配耳料軸，或其他分條要求。

- Matching special knife, it is available to choose different kind of knife.
- Cleaning-Mechanism, avoiding pollution problems.
- The product do not warp and any defect after slitting.
- The Slitter is designed for slitting all types of films

規格 /Specification

型　　號	MODEL	ALM-S1000 , 1650N
馬　　力	Motor	3HP無段調速
重　　量	Weight	2200kg , 3120kg
機械尺寸	Machine size(LxWxH)	400x140 , 200 , 240x200
輸入電量	Power input	30A
電　　源	Main power	3 § 220/380V , 50 , 60HZ
收捲軸數	Axis	2 , 3軸
產　　量	Capacity	0-150m/min
分條刀組	Blade(amount)	標配5組(圓刀/美工刀/進口鋼刀片)
最小寬幅		5 mm
送料模式	Feeding made	軸心式，無軸心式送料