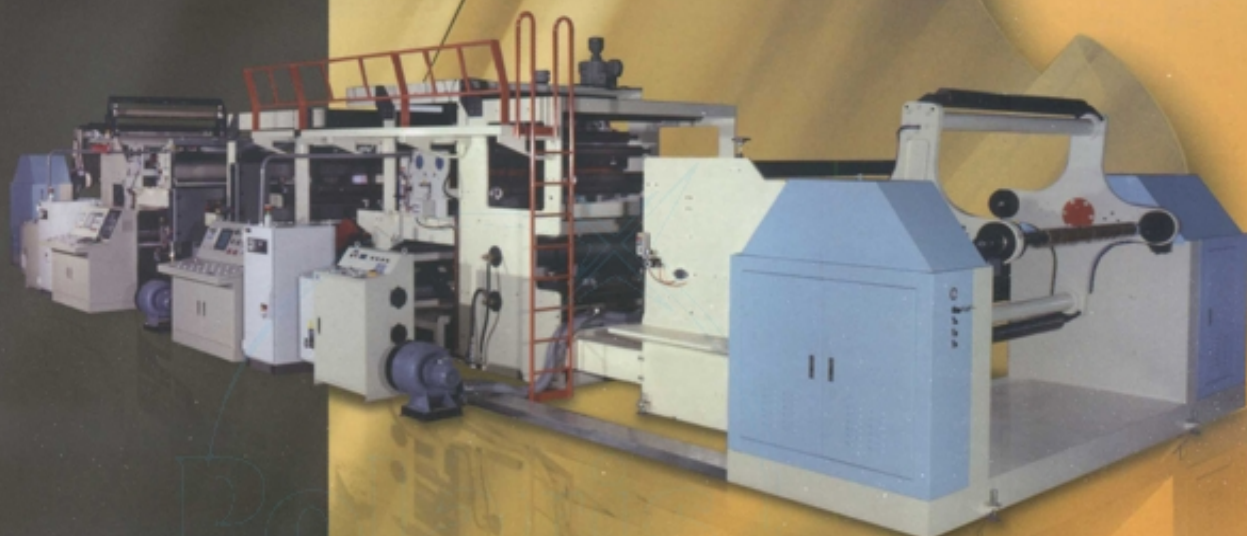


HsinPlas



淋膜機

Extrusion Laminating Machine



鑫進機械有限公司
HSIN CHIN MACHINERY CO., LTD.

雙面雙層共擠壓複合淋膜機

Dual-Sided Dual-Sheet Co-Extrusion Laminating Machine

壓出量採人機自動演算，全機運動採用PLC人機控制，收放料採用砲塔式，雙軸交換生產，放料自動接料，收料自動切料達到不停機續料，將操作控制人性化、簡單化，降低人員操作成本，降低廢料百分比。

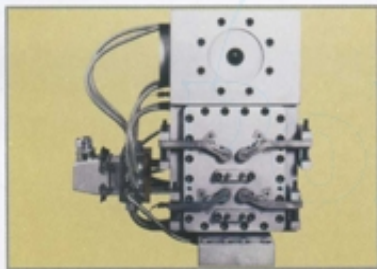
This laminating machine extruder volume adopts automatic calculating system.

Whole machine is in synchronization control system, and with the latest model of touch-screen control panel. Unwinder/Rewinder are double shafts turret type, with splicing device and alternate changing shafts system. Ensure non-stop working condition. Reduce the waste and the production cost.



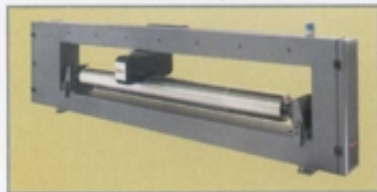
模頭 (T-DIE)

- 流道特殊光滑處理可應客戶要求做耐酸鹼處理。
- 封邊設計可降低廢料產生，可無邊料生產。
- 多種塞料系統，因應客戶不同需求
- The flow channel is highly polished. With special treatment of anti-viscous, it applies to viscosity materials.
- Deckle systems from mature technology enable fine thickness adjustment of both sides material, and the product without trimming can be achieved by this adjustment.
- We use different surface processing method according to different kinds of material property in order to reduce waste material.



分流器 (Feedblock) 特殊的流道配合電腦模擬設計，將共擠壓性能提升至完美境界。

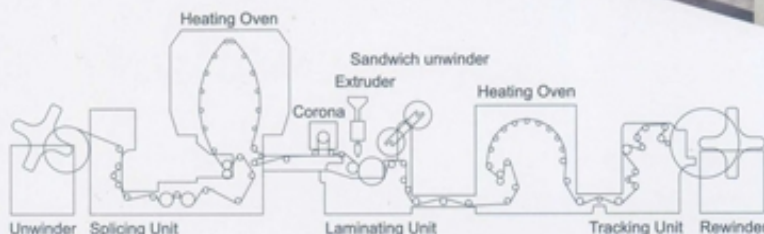
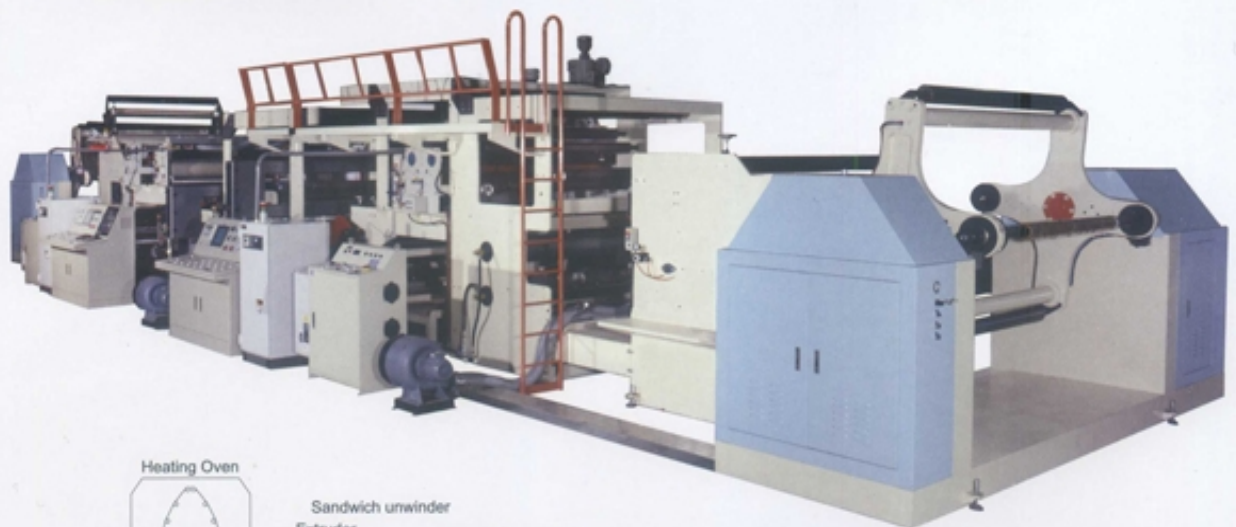
- 分離式本體設計，清潔簡便，拆裝容易
- 流線型流道面，徹底光滑處理，可避免凝膠發生
- 模組式分層，提高生產效率。精確的閥門，分層比例更易控制。
- Split body design for easy cleaning and dismantling.
- Streamlined flow surfaces with smoothness treatment to eliminate gel formation.
- Modular layer configuration for efficient changing. Accurate valve gate design provides easy control for layer ratio.



測厚儀 (Thickness Measurement)

可以在線測量薄膜的濃度，並回饋信號自動控制模頭螺絲，使薄膜濃度均勻，提升產品質量，降低原材料消耗。

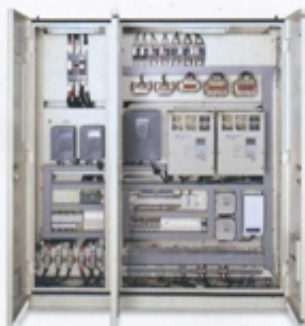
The analytical technology delivers robust, precise and repeatable measurements helping you to increase uptime, improve quality and minimize raw material waste.



- Model No. : HC110-2LM-80C1.6
- Extrusion Resin : HDPE, LDPE
- Laminating Width : 600~1600mm

Single-Side Sandwich Extrusion Laminating Machine

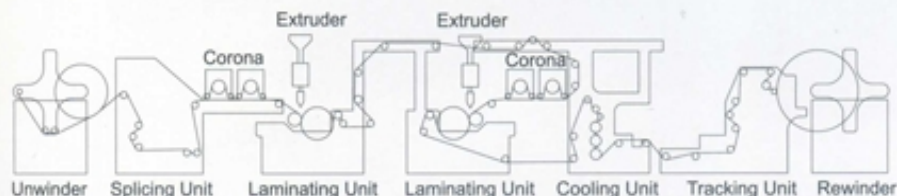
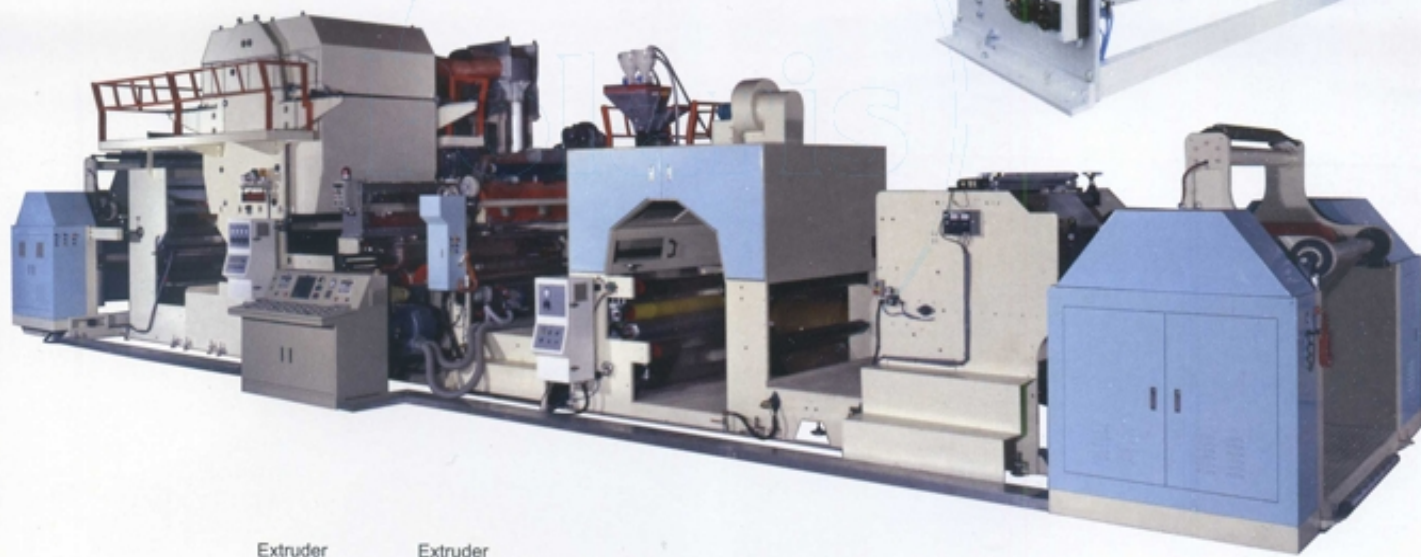
擠壓複合淋膜機



電控機構 (Electric Control Structure)

- 本機電器零件多採用歐、日名牌之規格品，以提高操控品質。
- 主機速度控制採用進口變頻裝置，操作容易，故障率低。
- 採PLC可程式系統，電路控制程式簡易，保養容易。
- The components are used from reliable and well-known brand of European and Japan to upgrade the high quality.
- The speed of main motor is controlled by inverter operating easily and low breakdown.
- With PLC controller; simple, reliable and of easy maintenance.

表面處理機 ▶▶ Corona Treater



- Model No. : HC100-AMS1.35
- Extrusion Resin : LDPE, EAA, EVA, Surlyn
- Laminating Width : 600~1600mm



AC上膠，設計動線採圓弧分佈保養方便，密閉乾燥烤箱，烘乾特性極佳。

A.C coating section arc adopt special design. It makes the glue to be spread arc-type spreading; easy for after work maintenance job. Enclosed type drying chamber ensures the good drying quality.



創新快速的排刀裝置，讓使用者可達到更快速、穩定、省時又省力及操作方便的效果。

Creative, high-speed and special design of "Top & Bottom wheel knife" for waste edge cutting device can reach the effect of speedier, stable, time and effort saving, and convenient operation.

擠壓複合淋膜機

PP/PE Extrusion Laminating Machine

型號	Model No.	HC100-AMS1.35		
淋膜型式	Lamination Type	Single/Sandwich	單面/三合一	
性能 Feature	壓出原料	Extrusion Resin	LDPE, EAA, EVA, Surllyn (Laminating Grade)	
	淋膜寬度	Laminating Width (Max)	600~1350mm (Adjustable by Internal Deckle)	
	淋膜厚度	Laminating Thickness	0.012-0.040mm (Adjustable)	
	壓出量	Extrusion Capacity	250 Kgs/Hour (It Depends)	
	線速	Line Speed	40-200 Meters/Minute	
	淋膜材料	Laminating Substance	Paper, Foil, BOPP, PET	
基材放出機 Unwinder	型式	Type	Duplex Shafts Turret Running	
	滾軸方式	Shaft Type	Air Shaft	
	滾軸尺寸	Shaft Size (ID×OD×W)	Ø75 × Ø100 × 1500mm	
	張力控制器	Auto Tension Controller	1 Set	
	對邊機	Edge Position Controller	1 Set	
	基材直徑寬	Substance D. × W.	Ø1200 × 1350mm	
	接紙系統	Splicing System	Automatic	
預塗裝置 Heating Oven	型式	Type	Gravure Coating	
	塗佈輪	Spreading Roller	Ø150 × 1500mm	
	引導輪	Sub-Pinch Roller	Ø200 × 1500mm	
	藥水槽	AC Adhesive Tank	Stainless steel, Manual Adjusting	
	吹風機	Drying Blower	2-Hp	
	驅動馬達	Driving Motor	5-Hp AC	
壓出機 Extruder	螺桿直徑	Screw Diameter	100mm	
	螺桿轉速	Screw Rotation Rate	10-145 R.P.M.	
	螺桿長徑比	Screw L/D Ratio	30 : 1	
	驅動馬達	Driving Motor	125-Hp AC	
	電熱容量	Heating Capacity	70.5-Kw	
T-模頭 T-Die	模頭寬度	Die Width	1500mm	
	模頭型式	T-Die Type	Concentrated Extrusion Flat Film	
	加熱方式	Heating Type (Heater)	Cartridge Type	
	溫控區	Heating Zone	7 Heating Zones	
	電熱容量	Heating Capacity	30-Kw	
淋膜部 Laminating Unit	方式	Laminating Type	3 Rollers Lamination System	
	冷卻輥輪	Chilling Roller	Ø600 × 1500mm	
	矽膠輥輪	Silicon Roller	Ø250 × 1500mm	
	壓力輥輪	Pressure Roller	Ø250 × 1500mm	
	驅動馬達	Driving Motor	15-Hp AC	
	切邊裝置	Edge Cutting Unit	Round Knife	
積層放出機 Sandwich Unwinder	型式	Type	Duplex Shafts Turret Running	
	滾軸方式	Shaft Type	Air Shaft	
	滾軸尺寸	Shaft Size (ID×OD×W)	Ø75 × Ø100 × 1500mm	
	磁粉煞車	Magnetic Powder Brake	5kgf-m × 2 Pieces	
	基材直徑寬	Substance D. × W.	Ø600 × 1350mm	
引出裝置 Out-Feed Unit	壓輪	Pressure Roller	Ø150 × 1500mm	
	引導輪	Guide Roller	Ø200 × 1500mm	
	加壓方式	Pressure System	Air Cylinder × 2Pieces	
捲取機 Rewinder	型式	Type	Duplex Shafts Turret Running	
	捲軸方式	Shaft Type	Air Shaft	
	捲軸尺寸	Shaft Size (ID×OD×W)	Ø75 × Ø100 × 1500mm	
	驅動馬達	Driving Motor	15-Hp AC	
	導輪	Guide Roller	Ø125 × 1500mm	
	捲取直徑寬	Product D. × W.	Ø1200 × 1350mm	
選購配備 Optional Accessories	● 空氣壓縮機	Air Compressor	● 表面處理機	Corona Treater
	● 冷凍機	Cooling Chiller	● 水塔	Water Tank
	● 自動攪拌機	Automatic Mixing Machine	● 噴粉機	Powder Sprayer
			● 靜電消除器	Static Eliminator

● 此型錄所示之機械規格、設計及特性，本公司有變更之權利，將不另行通知。

● All specifications, designs and characteristics in the catalog are subject to change without prior notice.

HSIN CHIN MACHINERY CO., LTD.

雙面雙層共擠壓複合淋膜機

Dual-Sided Dual-Sheet Co-Extrusion Laminating Machine

	型號	Model No.	HC110-2LM-80C1.6	
	淋膜型式	Lamination Type	Dual-Sided Dual-Sheet Co-extrusion	雙面雙層共擠
性能 Feature	壓出原料	Extrusion Resin	HDPE, LDPE (Laminating Grade)	
	淋膜寬度	Laminating Width	1600mm (Adjustable by Internal Deckle)	
	淋膜厚度	Laminating Thickness	0.012-0.040mm (Adjustable)	
	主機壓出量	Extrusion Capacity	350 Kgs x 2 Sets = 700 Kgs/Hour (It Depends)	
	副機壓出量	Extrusion Capacity	150 Kgs x 2 Sets = 300 Kgs/Hour (It Depends)	
	線速	Line Speed	40-220 Meters/Minute	
基材放出機 Unwinder	型式	Type	Duplex Shafts Turret Running	雙輪砲塔式自動交替使用
	驅動馬達	Driving Motor	40-Hp AC x 2 Sets	
	張力控制器	Auto Tension Controller	1 Set	
	(含檢出器)	Pick-Up Unit Included	100 Kgs	
	接紙系統	Splicing System	Automatic	
	接紙線速	Splicing Speed	40-150 Meters/Minute	
	對邊機	Edge Position Controller	1 Set (Pneumatic Sensing and Controlling)	
引入裝置 In-feed Unit	壓輪	Pressure Roller	Ø150 x 1750mm	
	引導輪	Conveying Roller	Ø200 x 1750mm	
壓出機 Extruder x 2 Sets	共擠主壓出機	Main Co-Extruder		
	螺桿直徑	Screw Diameter	110mm	
	傳動方式	Driving Type	by Gear Box, with Self-Lubrication	齒輪箱, 自給油浴式
	驅動馬達	Driving Motor	120-Hp AC	向量專用交流馬達
	加熱方式	Heating Type (Heater)	Ceramic Heaters	陶瓷電熱圈
	共擠副壓出機	Secondary Co-Extruder		
	螺桿直徑	Screw Diameter	80mm	
T-模頭 T-Die x 2 Sets	模頭寬度	Die Width	1750mm	
	模頭開口	Die Lip Gap	0.63mm	
	加熱方式	Heating Type (Heater)	Cartridge Type	電熱管
	遙控區	Heating Zone	9 Heating Zones	
	分流器	2-Layers Feedblock	1 Set	
淋膜部 Laminating Unit x 2 Sets	方式	Laminating Type	3 Rollers Lamination System	三輪式淋膜系統
	冷卻輥輪	Chilling Roller	Ø600 x 1750mm	
	矽膠輥輪	Silicon Roller	Ø250 x 1750mm	
	壓力輥輪	Pressure Roller	Ø250 x 1750mm	
	展開輥輪	Expansion Roller	Ø100 x 1750mm	
	異物檢出裝置	Surface Inspection System	1 Set	
引出裝置 Out-Feed Unit	壓輪	Pressure Roller	Ø150 x 1750mm	
	引導輪	Conveying Roller	Ø200 x 1750mm	
	切邊裝置	Edge Cutting Unit	Round Knife(HCP)	鍍硬鉻圓刀
捲取機 Rewinder	型式	Type	Duplex Shafts Turret Running	雙輪砲塔式自動交替使用
	捲軸方式	Shaft Type	Air Shaft	手動氣壓軸擴張捲取
	捲軸尺寸	Shaft Size (IDxODxW)	Ø75 x Ø100 x 1750mm	3"
	裁切裝置	Cutting Unit	1 Set	
	捲取直徑寬	Product D. x W.	Ø1500 x 1600mm	
選購配備 Optional Accessories	● 空氣壓縮機	Air Compressor	● 測厚儀	Thickness Measurement
	● 冷凍機	Cooling Chiller	● 水塔	Water Tank
	● 表面處理機	Corona Treater		

公司簡介 / Company Profile

鑫進機械有限公司專業製造塑膠淋膜生產設備，創立以來我們致力於提供高品質，時時以新進人員心態保持精進，來滿足客戶的需求。我們確信客戶的成功是公司成長的推手，鑫進不斷創新突破，強化技術基礎，保證機械生產之品質穩定並提升在產業界的競爭能力。

鑫進擁有理論與實際並重的機械設計，製造高品質的淋膜設備，不但能有效提高製程產量，更能使用最少原料生產足夠強度之產品，有效降低生產成本。最佳化設計除能有效節省成本外，另一方面降低產品生產不良率，減少塑膠廢棄物量，符合現今環保需求。

我們本著「以客為尊，服務至上」的理念，提供給您產能、效率及品質並具的壓出設備及完整的售後服務。

HSIN-CHIN MACHINERY - specialized in the manufacturing of Plastic Extrusion & Lamination machines in Taiwan. Ever since established were devoted in providing high quality machinery, to satisfy client's specified requirements; we believes that customer's success, is the sure pushing force of our own growth. With constant breakthrough and/or launching new fabricating technique, we further assure the upgrading of our machine's steady quality production and, thereby, improves its competitiveness among the related industries.

Our machine's fundamental design possessing, equally important, corresponding theory and actual operation, with high quality equipment, not only effectively improves its productivity, but also enable to produce high strength product(s) with minimal raw material(s) to cut down production cost. With such practical design, apart from the production cost down factor, it could also greatly reduce production wastes, to cope with today's environmental-friendly requirement.

In accordance with the concept of "Client First and Service First", enable **HSIN CHIN MACHINERY** to provide Extrusion/Lamination Equipments with Most Efficient, High Productivity, High Quality Product and Easy Maintenance capabilities; came with it also, is our prompt-reacting and thorough After-Service. Therefore, if you're looking for high-tech Extrusion/Lamination Device, **HSIN-CHIN** is your best choice!



HsinPlas

鑫進機械有限公司 HSIN CHIN MACHINERY CO., LTD.

- 公司 / Company : 台灣嘉義縣民雄鄉光明街633號
No.633, Guangming St., Minsyong Township, Chiayi County 621, Taiwan.
TEL:886-5-2744958 (Rep./代表號) FAX:886-5-2131101
Website: <http://www.hsinchin.com>
- 工廠 / Factory : 台灣嘉義市保忠一街132號
No.132, Baozhong 1st St., Chiayi City 600, Taiwan.
TEL:886-5-2754921 (Rep./代表號) FAX:886-5-2754925
E-mail: service@hsinchin.com

www.hsinchin.com