



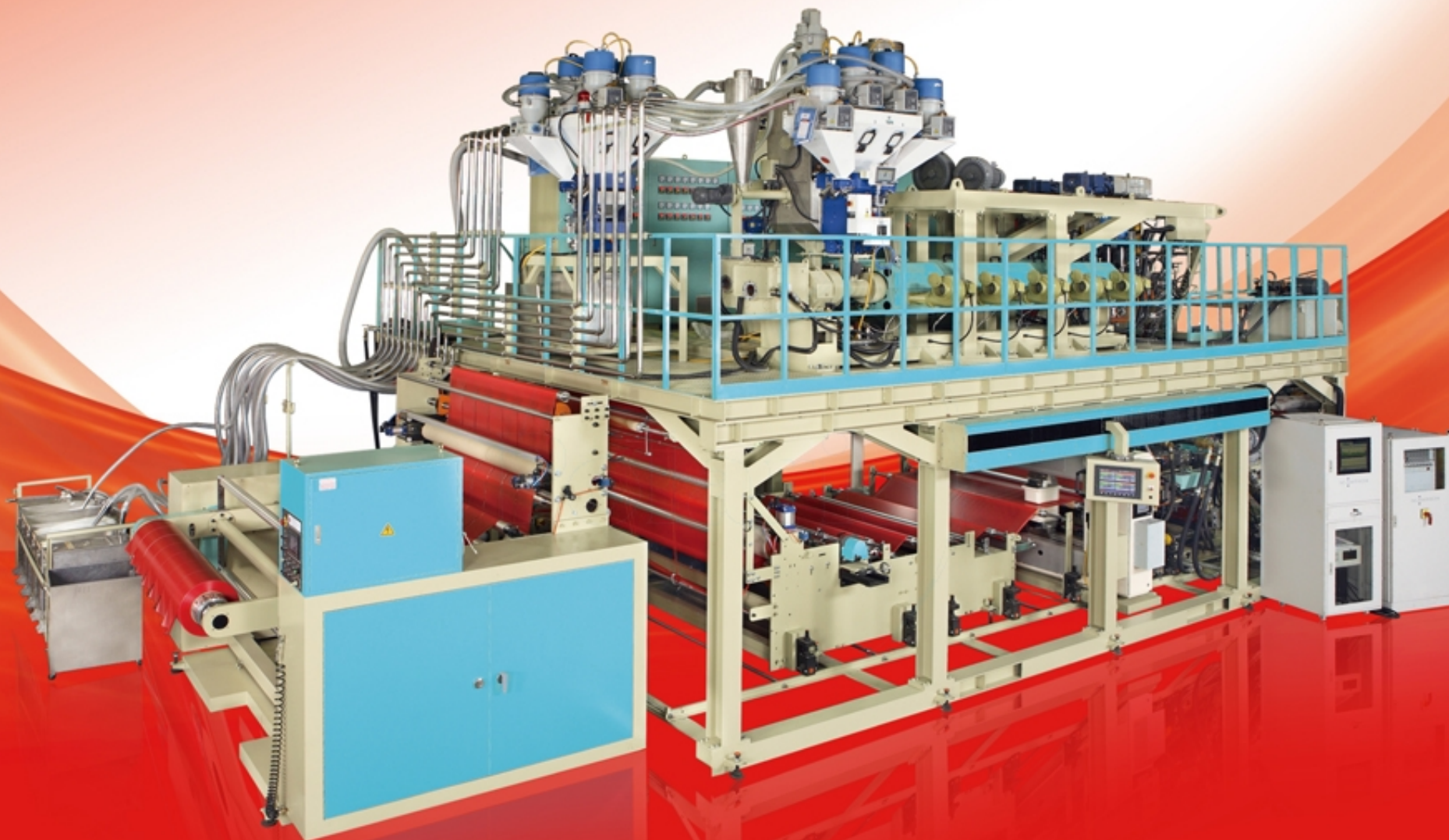
MING JILEE

We are a Professional Plastic Extruder and
Converting Machine Manufacturer

MGB-CPP-1800-2LF

Multi-Layers CPP Film Making Machine

多層CPP薄膜製造機



<http://www.mingjilee.com>



MGB-CPP-1800-2LF 多層CPP薄膜製造機

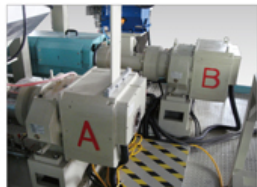
Multi-Layers CPP Film Making Machine

齒輪箱

德國進口高效率行星式齒輪箱及新型水冷式馬達，體積小、不佔空間。

GearBox

High-efficiency Planet-type Gear box imported from Germany that can save your space for more activities.

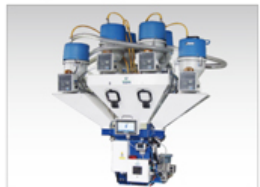


高效率自動拌料機

減少原料備料時間及提高更換配方的方便性及快速性。

High-efficiency Auto. Blender

Reduce the time of material preparation and raise the convenience of material recipe changes speed.



A軸拌料機

全自動直接式廢料拌料機，可以增加廢料使用率。減少拌料人員成本。

A-shaft Mixer

Fully auto. direct waste mixer, can increase the usage rate in order to save personnel cost.



雙軸油壓換網&齒輪計量器

降低停機率及增加產品穩定性，降低主機耗電量。

Twin-shaft Oil Pressure Screen Changer & Gear Pump

Reduce the probability of machine stop and power consumption in order to increase the stability of product.

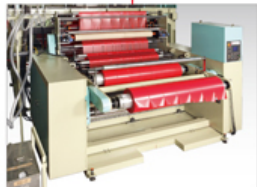
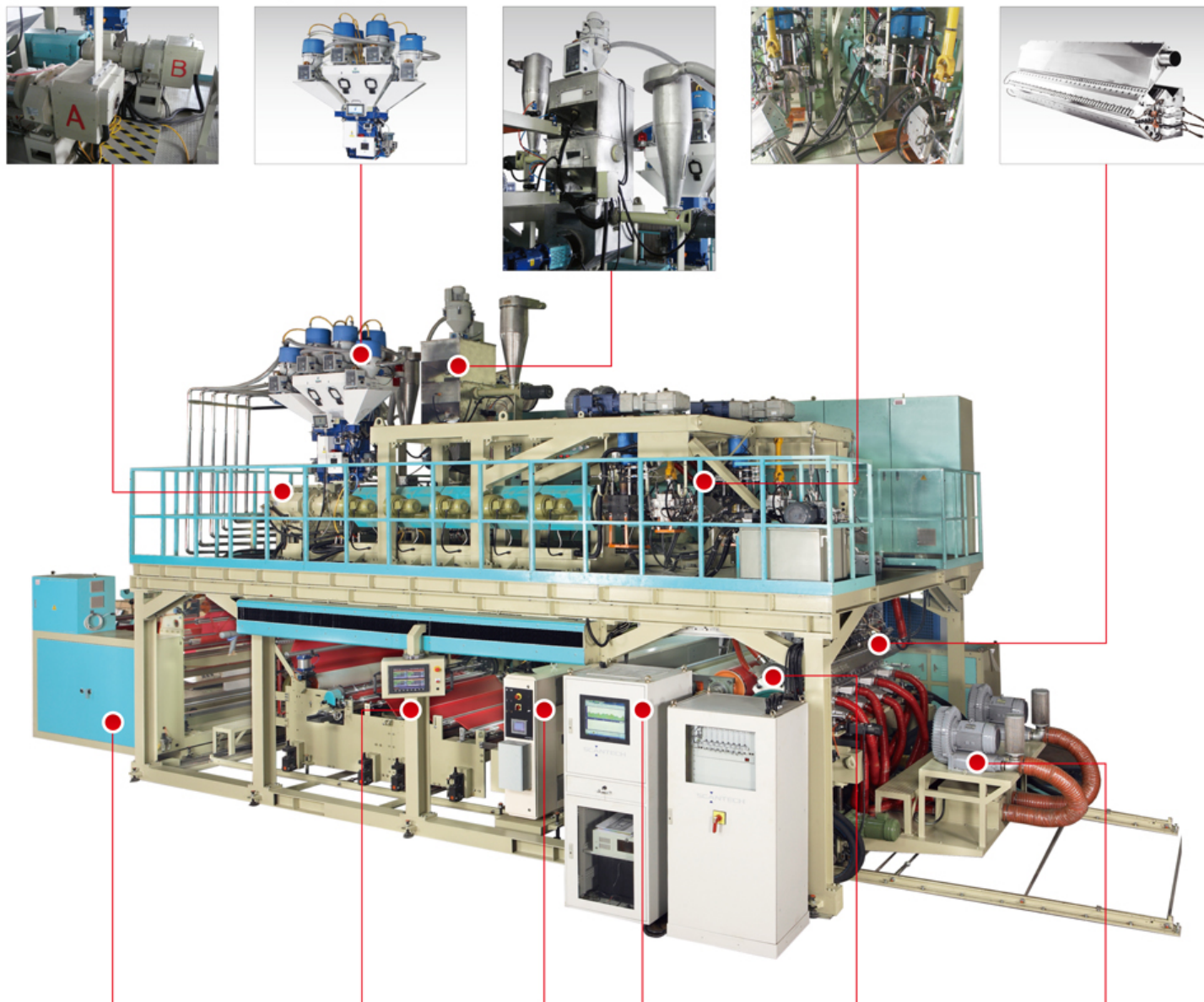


三層直接式自動模頭

可自動調整厚度，降低開機時間及提高產品品質。在原料使用上可增加多種選擇性。

Tri-layer Directly Auto Die Head

Auto adjustable thickness, reduce the starting time and raise the quality of product. In material use, can be additionally increasing multiple selectiveness.



自動捲收台

1. 採用回授型檢知器做定張力及斜張力控制。
2. 線上分條裝置，可節省人工成本，降低廢料率。

Auto. Rewinder

1. Adopt feedback tension control (Load Cell) for fixing tension and sloping tension controls.
2. Additional in-line slitting unit that can save personnel cost and lower the waste rate.



人機介面

1. 圖文式觸控面板，增加操作性
2. 增設各種運作中保護的程式，防止人員操作錯誤造成機械的損壞。

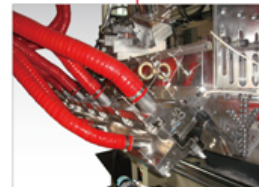
HMI

1. Illustrated touch panel which increases its convenience of operation.
2. Software adds its operation performance and protection programs in order to avoid something wrong in operation.



回饋式測厚儀

自動檢測薄膜厚度，回饋給自動模頭，使模頭自動調整。可降低開機時間及提高產品品質。
Feedback Type Thickness Measurement
Auto. measurement of film thickness, feedback to auto. die head to make it auto. adjust; can reduce the starting time and raise the quality of product.



雙層真空箱

採用高效率真空幫浦及變頻器控制風量，以提高生產的線速度及穩定性。

Double-Set Vacuum Box

Adopt high-efficiency vacuum pump and air control by Inverter in order to improve the velocity and stability in production.



雙組熱風刀裝置

提高線速度及產量；產品品質穩定，花紋深，提高假厚度

Double-set Thermo Air-knife Unit

Improve the velocity and production; product's quality, stability and pattern depth.

MGB-CPP-1800-2LF 多層CPP薄膜製造機

Multi-Layers CPP Film Making Machine

SPECIFICATION

Film Width / 產品寬度	1650 mm
Film Thickness / 產品厚度	0.03 - 0.25 mm
Extruding Capacity / 押出量	450 kg/hr
Main Extruding Motor / 主押出機馬達	59 kw
Main Screw Dia. / 主螺桿直徑	100 mm
Main Screw Ratio / 長徑比 L/D	34/1
Auxiliary Extruding Motor / 副押出機馬達	59 kw
Auxiliary Screw Dia. / 副螺桿直徑	100 mm

Auxiliary Screw Ratio / 長徑比 L/D	34/1
Embossing Roller Motor / 壓花輪馬達	5.5 kw
Embossing Roller Size / 壓花輪規格	φ700 X 1850 mm
Temperature Controller for Embossing / 壓花輪溫度控制機	3 set
Heating Capacity / 電熱量	143 kw
Occupied Ground Space / 佔地面積	16000 (L) X 7000 (W) X 6000 (H) mm
Net Weight / 機械淨重	20600 kg (upon the real measurement)
Gross Weight / 裝箱毛重	23300 kg (upon the real measurement)

OPTIONAL

300 kg Mixer / 拌料機
20 Tons Water Chiller / 20T 冰水機(全套)
2 HP Air Compressor / 2 HP 空壓機
Corona Surface Treatment / 表面處理機
φ700 Embossing roller / 700 壓花輪

FEATURES

1. Machine adopts two-layer-stand design, saving more space and cost. twin-screw design concept makes a dual-production.
2. Control system adopts movable human touch system, fully auto. digital communication monitor (actual screw rotational speed, temperature of die head, pressure, thermo air knife, vacuum box, etc.), remote monitor and recipe management, increase the operation convenient and keep machine safety.
3. Electric control box: all accessories are in high-class, space saving design and become simple and convenient.
4. Temperature control adopts SCR system (the tolerance of temperature is $\pm 1^{\circ}\text{C}$) which precisely controls plasticizing processes, sheet thickness, flatness, neatness and foaming proportion.
5. A-shaft material bin adopts auto. proportional mixing system that can infill high-proportion various waste in order to increase the recycling rate and save cost.
6. Screw adopts a special mixing function and hi-plasticizing capacity design; it incorporates with static mixer and gear pump which can control the extruding output, pressure and time inside the screw accurately. ensuring melting of resins, homogeneous color and increased extruding output.
7. Twin-shaft screw of machine equips with non-stop screen changer unit to increase the convenience of operation and production.
8. Machine adopts BAB three-layer auto. die head and thickness measurement, can be used on different types of material in production; auto. adjusting the film thickness to turn machine on shorter and even for beginners.
9. Machine adopts vacuum box unit for increasing the film production and stability.
10. Embossing shaping station can be moved up and down, forward and backward freely by auto., to increase more convenient and upgrade product quality.
11. Embossing roller of diameter 700 mm and two-loop cooling system incorporate with microcomputer control to precisely control the temperature of embossing roller, make film flat, neat and thickness homogeneous.
12. Machine adopts in-line trimming, slitting and crushing units; immediately recycles all of waste to reduce the waste rate and save cost.
13. Rewinding unit: it adopts twin-shaft auto. cutting for changing rolls; rewinding motor equipped with servo-motor-drive can freely adjust speed and adopt feedback tension control (load cell). it incorporates with swaying unit for achieving the film rolling flat and neat; incorporates with slitting unit for freely setting a required width of product; incorporates with auto. counting unit for setting the weight of product.

1. 機台採兩層架高式主機設計，降低佔地面積，減少工廠成本；雙主機設計概念，提高產能。
2. 控制系統採用移動式人機介面系統、全自動數位化通訊監控（實際螺桿轉速、模頭溫度、壓力值、風刀、真空箱等...）、遠端監控及配方管理，增加操作的便利性及防止人員不當操作造成機器損壞。
3. 電器控制箱：完全採用合乎安全標準的高級配備，不佔空間的設計，操作方式簡單又方便。
4. 溫度控制採用SCR系統，其溫度差為 $\pm 1^{\circ}\text{C}$ ，可精確控制塑化過程及板材厚薄平整。
5. A軸原料桶採用自動比例式拌料系統，可滲入高比例的各式廢料運轉，增加回收率，降低材料成本。
6. 螺桿採用特殊混料功能及高塑化能力設計配合齒輪計量器及靜態拌合器，可準確控制押出量及塑料在螺桿內的壓力和時間，確保塑料融化，色澤均勻，壓出量增高。
7. 二軸螺桿皆使用雙軸不停機油壓換網裝置，增加操作方便性及增加產量。
8. 本機採用BAB三層自動模頭及配合全自動測厚儀。可使用各種不同材料生產，可自動調整薄膜厚度，使開機時間縮短，補強操作人員經驗不足缺點。
9. 本機採用真空箱裝置，使主機生產薄膜產品產量增加，提高穩定性。
10. 壓花成型台可自由升降、前進、後退及自動定位。在操作過程中增加更換及調整壓花輪方便性。
11. 壓花輪直徑為700mm及雙迴路冷卻系統，配合微電腦模溫控制機精確控制壓花輪溫度，使薄膜平整、厚薄均勻。
12. 本機採用線上修邊、分條及耳料粉碎裝置，即時回收所有廢料，降低生產時的廢料率、降低成本。
13. 捲收台裝置：採用雙軸自動切斷換捲，捲收馬達採用伺服馬達驅動能隨意調整速度及採用回授型張力檢知器可做定張力或斜張力控制。配合搖擺裝置以達到薄膜捲收平整目的，配合分條裝置可以自由設定所需的產品寬度，本機配合自動計米裝置可設定產品重量。