

PBI-X Series

805X / 905X / 1005X

1105X / 1205X / 1305X

- ❖ 此系列機型以儲料式模頭為標準配備，適合生產野餐桌板、工具箱、玩具、汽車導管、L-RING 桶、可堆疊化學桶IBC桶、水塔等最大容量至 1,500 公升之產品。
- ❖ This series of machines are equipped with a standard accumulator die head. Especially ideal for producing picnic tables, tool boxes, toys, automotive ducts, L-ring barrels and stacking chemical barrels ,IBC tank and water tank etc...Up to 1,500 liters.



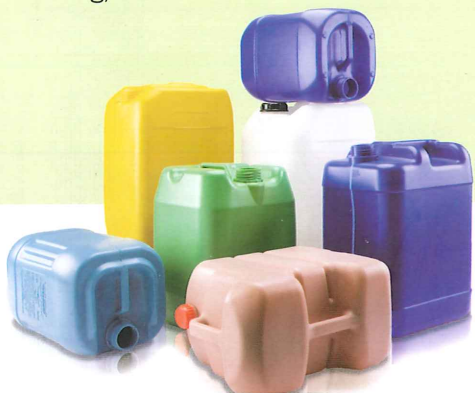
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特色 FEATURES

- ❖ 模頭設計為先進先出儲料式模頭，方便清料，縮短換色時間。
- ❖ 模頭為單油壓缸射料，並設計以多段式射料速度設定。
- ❖ 模頭可升降及前後移動方便更換模具，並可以左右微調，方便校正模頭和模具的位置。
- ❖ 螺桿為混鍊型設計，搭配義大利ZAMBELLO齒輪箱，混料均勻。
- ❖ 模架型式為對角型導桿設計，開閉模方向與螺桿平行，且可前後移動方便換模。
- ❖ 模架以子母缸為作動方式，子缸作為快速開關模之用途，母缸作為主要鎖模之用途。
- ❖ 模頭升降行程可加長至 1 米，適用於生產 8 呎以下之野餐桌板或汽車導管類之產品。
- ❖ 油壓系統採比壓比流邏輯式迴路。
- ❖ 電器控制為人機介面系統，搭配比壓油路系統可在操作站上監控及設定全機的功能及狀態。如溫度設定、油壓設定、塑料厚薄控制、資料儲存等。

- ❖ First-in and First-out accumulation die head provides convenient material cleaning and shortens color change time.
- ❖ Die head features single hydraulic cylinder injection, combined with multi-step and injection speed settings.
- ❖ Die head can be elevated for convenient mold change. It also can be micro-metrically adjusted in the right/left direction in order to provide convenient distance calibration between die head and mold.
- ❖ Maddock-type screw combined with Italian Zambello gearbox assures an extremely uniform mixing effect.
- ❖ Mold carriage is a diagonal Tie Rod structure. Mold open/close direction is parallel with screw, and can be moved forward/backward for convenient mold change.
- ❖ Mold carriage is activated by an advanced cluster hydraulic cylinder. 2 sub-cylinders for mold closing and opening with high-speed, 1 main cylinder for mold clamping with high pressure.
- ❖ Die head elevation stroke is available to extend to one meter, and it is suitable for picnic tables under 8 feet and automotive ducts, etc.
- ❖ Hydraulic system employs proportional pressure and a flow logic circuit.
- ❖ Equipped with a human machine interface (HMI) control system, combined with a proportional pressure hydraulic circuit. All the machine functions and conditions can be monitored and set on the control cabinet such as temperature setting, hydraulic setting, parison control and data saving, etc.

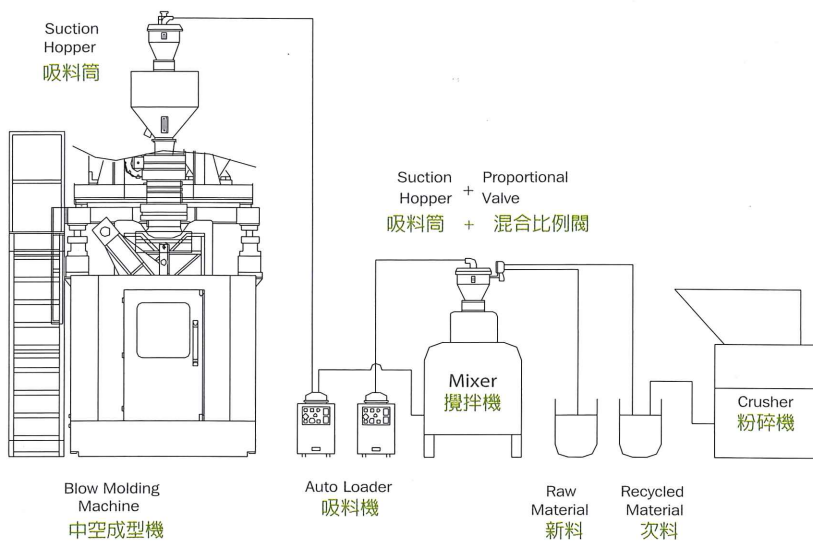


選用配備 OPTIONAL EQUIPMENT

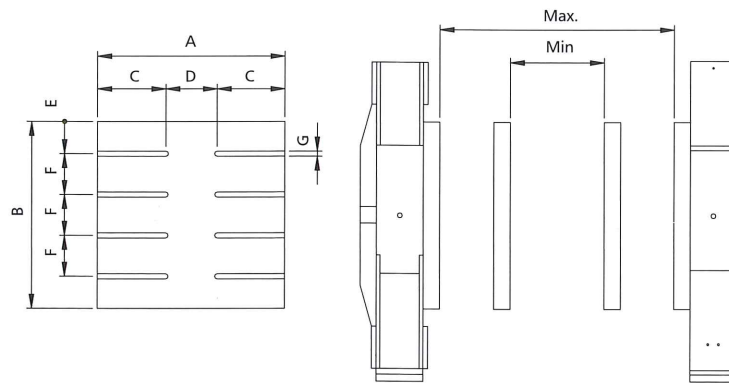
- ❑ 機械手
- ❑ 雙油壓缸成品頂出設備，適用於生產野餐桌板、工具箱
- ❑ MOOG 100及400 點厚薄控制器

- ❑ ROBOT
- ❑ DOUBLE HYDRAULIC CYLINDER PRODUCT EJECTING DEVICE: SUITABLE FOR PRODUCING PICNIC TABLES AND TOOL BOXES.
- ❑ MOOG 100 and 400 POINTS PARISON CONTROL.

系列 配置圖 PBI-X SERIES LAYOUT



KAI MEI



模板尺寸圖

MOLD PLATEN DIMENSIONS

NO.	Max.	Min.	A	B	C	D	E	F	G
PBI-805X	1,000	400	750	800	-	-	-	-	-
PBI-905X	1,200	400	950	950	-	-	-	-	-
PBI-1005X	1,450	450	1,100	1,200	400	300	165	290	22
PBI-1105X	1,600	500	1,200	1,600	400	400	275	350	22
PBI-1205X	2,000	550	1,400	1,800	400	600	300	400	22
PBI-1305X	2,650	1,250	1,900	1,800	650	600	300	400	-

UNIT:mm

Model No.

product max.capacity

Screw diameter

Screw L / D ratio

Inverter motor

Screw speed

Extruding capacity

Die head capacity

Clamping Force

Hydraulic drive Motor

Air Pressure

Air consumption

Total power consumption

Machine net weight



型號	Unit	PBI-805X	PBI-905X		PBI-1005X		PBI-1105X		PBI-1205X		PBI-1305X	
最大產品容量	Liter	25	40		100		150		220		1,500	
螺桿直徑	mm	75	75	90	90	100	100	115	115	125	135	
螺桿比例	L/D	28/1	28/1		28/1		28/1		28/1		28/1	
變頻馬達	HP	50	50	75	75	100	100	125	125	150	250	
螺桿轉速	r.p.m.	15-65	15-65		15-60		15-60		15-60		15-55	
押出量	kg/hr	165	165	210	210	280	280	350	350	400	630	
儲料量	kg	3	5	8	8	12	12	16	16	20	35	50
鎖模力	ton	40	46		100		125		160		230	
驅動馬達	Hp	40	40		50		60		75		100+7.5	
空氣壓力	kg/cm ²	6~8	6~8		6~8		6~8		6~8		8-12	
空氣消耗量	L/min	1,800	2,000		2,600		2,800		3,200		4,600	
總電力	kw	100	105	135	142	172	180	210	221	250	485	
淨重	kg	12,500	16,000		22,000		27,000		32,000		100,000	

以上規格如因設計變更恕不另行通知
All specifications and designs are subject to change without notice.