

PET 雙軸延伸拉吹機

STRETCH BLOW MOULDING MACHINE

L series

Fully Electric and
Continuous Heating
System



大容量瓶型

For Large Volume Bottles

Servo-Electric Technology:

High Precision、High Reliability、Energy

1. Narrow-pitch mandrel chain to heat more preforms at one time
2. Continuous rotation to achieve even preform heating
3. Neck shield throughout to prevent neck deformation during heating
4. Excellent ventilation system to ensure flat equilibrium temperature profile through outpreform thickness
5. Infrared heat sensor for closed-loop preform heating
6. Servo driven preform transfer system with grippers
7. Servo driven Variable Pitch System for fast and accurate preform handling between two components
8. Servo driven clamping system with CAM synchronized base mold operation
9. Featuring top quality Swiss-made blowing valves

1. 有效縮短加熱間距，減少能耗並提高加熱效率。
2. 水準配置，瓶胚無翻轉、結構簡單。
3. 加熱箱水道直接貫穿，保護牙口。
4. 優化的抽風系統使瓶胚表面冷卻。
5. 瓶胚溫度檢測功能。
6. 移位採用伺服馬達，且夾爪固定於時規皮帶上。
7. 採用變導程螺桿與伺服驅動確保高速運轉和精確定位。
8. 成型組採用伺服驅動並底模結構運動。
9. 採用高速精密吹氣閥組的搭配，能達到高產能要求。

規格表 Specification

		UNIT	CPSB-L1G	CPSB-L1GM	CPSB-L2G	CPSB-L2GM	
成形組規格 MOLDING	合模力	Clamping force	kg	64000	64000	128000	128000
	模具行程	Clamping stroke	mm	380	380	320	320
	拉桿行程	Stretch rod stroke	mm	500	500	500	500
	底模行程	Base mold stroke	mm	50	50	50	50
	瓶子間距	Cavity pitch	mm	-	-	320	320
	模穴數	Number of cavity	cavities	1	1	2	2
	加熱間距	Spindle chain pitch	mm	90	90	90	90
瓶型規格 CONTAINER	瓶子最大容量	Max. capacity	ltr	12-20	12-20	12-20	12-20
	牙部內徑尺寸	Neck inner diameter	mm				
	牙部高度尺寸	Neck height	mm	MAX 72	MAX 72	MAX 72	MAX 72
	支撐環外徑	Support-ring diameter	mm				
	最大瓶胚高度	Preform height	mm	450	250	450	250
	最大瓶身直徑	Max. diameter	mm	340	340	290	290
	最大瓶身高度	Max. height	mm	500	500	500	500
※理論產能		THEORETICAL OUTPUT	B.P.H	250~900	250~900	500~1800	500~1800
電力規格 ELECTRICAL SYSTEM	加熱箱數量	Number of oven	units	6	3	8	4
	燈管數量	Number of lamp	pcs	96	30	128	40
	總安裝電力	Total installations power	KW	110	75	145	100
	加熱功率	Heating power	KW	96	60	128	80
	電壓	Power supply	-	3P4W 400V+6%-10% 50/60Hz			
	耗電量	Power consumption	KW	30.25(20L/550g)	33(20L/300g)	60.5(20L/550g)	66(20L/300g)
空壓規格 AIR SYSTEM	操作壓力	Operating pressure	kg/cm ²	7	7	7	7
	低壓耗氣量	Low pressure consumption	L/min	1000	1000	1000	1000
	吹瓶壓力	Blowing pressure	kg/cm ²	35	35	35	35
	高壓耗氣量	High pressure consumption	L/min	3000(20L)	3000(20L)	6200(20L)	6200(20L)
冷凍水規格 CHILLED WATER	操作壓力	Operating pressure	kg/cm ²	2~4	2~4	2~4	2~4
	溫度範圍	Temperature range	°C	10-12	10-12	10-12	10-12
	消耗量	Consumption	kcal/hr	26040	14210	52075	28410
	流量	Flow rate	L/min	100	100	100	100
冷卻水規格 COOLING WATER	操作壓力	Operating pressure	kg/cm ²	2~4	2~4	2~4	2~4
	溫度範圍	Temperature range	°C	25	25	25	25
	消耗量	Consumption	kcal/hr	78000	39000	104000	52000
	流量	Flow rate	L/min	260	130	347	260
機台規格 MACHINE	機台尺寸	Size(LxWxH)	meter	5x4x3.7	5x4x3.7	5x4.5x3.7	4.5x4x3.7
	機台重量	Weight	kg	15000	14000	17000	16000



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備註 REMARK

1. 模具壁厚不得小於7mm，若小於7mm必須使用不鏽鋼材質模具。If mold thickness is less than 7mm, it is required to be made in stainless steel.
2. 最終產能須依據瓶形、瓶胚而定。The actual output depends on the preform quality and bottle shape.
3. 規格有變更，恕不另行通知。Specification are subject to change without notice.