

PHOENIX SERIES

鳳凰系列-PET雙軸延伸拉吹機

PET Stretch Blow Moulding Machine





PHOENIX series

PET Stretch Blow Moulding Machine

- FEATURES**
- Automated infeed, heating, and stretch blowing
 - Patented preform chain design for easy maintenance and adjustment
 - Heating system suitable for wide range of preform types
 - Touch screen human-machine interface for easy operation
 - Modular component design for easy maintenance
 - Help end user to reduce production cost and increase competitive advantages
 - Compact design for effective usage of floor space



鳳凰系列

PET雙軸延伸拉吹機

Chum Power
CHUMPOWER MACHINERY CORP.

機台特性

- 自動入胚、加熱、吹瓶
- 專利鏈結調整，維修簡單
- 泛用型加熱設計，可適用多種產品
- 觸控式人機介面，操作簡單
- 模組化設計，維修容易
- 節省成本，增加競爭力
- 佔地面積小



FULLY ELECTRIC

Stretch Blow Moulding Machine

鳳凰全電式機台

FEATURES / 機台特性

- Fast and smooth servo-driven transferring system
 - Low vibration and quiet servo-driven clamping system
 - Servo-driven stretch rod assembly for convenient adjustment
 - Featuring heating output compensation system
 - Air recovery system to reuse the waste air
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- 移位伺服，快速穩定
 - 成型伺服，低震動、低噪音
 - 拉吹伺服，調整方便
 - 加熱溫度補償控制
 - 高壓吹氣，回收在利用

SERVO-ELECTRIC TECHNOLOGY :

■ High Precision

■ High Reliability

■ Energy-saving

MARKET SEGMENT OF CPSB

Mineral water · CSD · Sauces · Still drinks · Teas ·
Ketchup · Fruit juices · distilled waters · Alcoholic drinks ·
Edible Oils · Household · Cosmetics

適用範圍

礦泉水、碳酸飲料、調味料、茶、果汁、蒸餾水、酒精飲料、
食用油、清潔液、化妝品。



工程規格表 Specification

			UNIT	CPSB-TS2000	CPSB-TS2000H	CPSB-TSS3000	CPSB-T3000	CPSB-TS4000	
成形組規格 Molding	合模力	Clamping force	kg	16000	16000	16000	48000	48000	
	模具行程	Clamping stroke	mm	130	130	110	160	130	
	拉桿行程	Stretching stroke	mm	320	320	240	350	320	
	底模行程	Bottom stroke	mm	50	50	50	50	50	
	瓶子間距	Cavity pitch	mm	114.3	114.3	76.2	152.4	114.3	
	模穴數	Number of preform holders	cavities	2	2	3	3	4	
瓶型規格 Container	瓶子最大容量	Max. capacity	ltr	1.5	1.5	0.6	3	1.5	
	最大牙部尺寸	Max. Neck diameter	mm	38	38	38	38	38	
	最大瓶身直徑	Max. diameter ※1	mm	105	105	68	140	105	
	最大瓶身高度	Max. height	mm	320	320	240	350	320	
	公轉座數量	Carriage unit	pcs	38	38	57	54	72	
※ ※ 理論產能			Theoretical Output	B.P.H	2000	1000	3000	3000	4000
電力規格 Electrical System	加熱箱數量	Number of oven	units	2	2	2	4	4	
	燈管數量	Number of lamp	pcs	32	32	24	44	36	
	總耗電量	Total power	kW	35	32	30	80	68	
	加熱功率	Heating power	kW	32	28	27	75	63	
	最大加熱功率	Max. heating power	kW	44	38	36	100	84	
空壓規格 Air System	操作壓力	Operating pressure	kg/cm ²	7	7	7	7	7	
	低壓耗氣量	Air consuming	L/min	1800	1800	1800	2000	2000	
	吹瓶壓力	Blowing pressure	kg/cm ²	35	35	35	35	35	
	高壓耗氣量	Air consuming	L/min	2600	5000	2400	5000	5700	
冷凍水規格 Chiller Water	操作壓力	Operating pressure	kg/cm ²	4	-	4	4	4	
	溫度範圍	Temperature	°C	5~25	-	5~25	5~25	5~25	
	消耗量	Consuming	kcal/hr	15120	-	15120	22682	22682	
	冷卻水流量	Flow rate	L/min	75	-	75	100	100	
模溫機規格 Temp. Controller	操作壓力	Operating pressure	kg/cm ²	-	2~3	-	-	-	
	溫度範圍	Temperature	°C	-	60~180	-	-	-	
	消耗量	Consuming	kcal/hr	-	13760	-	-	-	
	流量	Flow rate	L/min	-	80	-	-	-	
冷卻水規格 Cooling Water	操作壓力	Operating pressure	HP	4	4	4	4	4	
	溫度範圍	Temperature	°C	25	25	25	25	25	
	消耗量	Consuming	kcal/hr	39000	39000	39000	78000	78000	
	冷卻水流量	Flow rate	L/min	130	130	130	260	260	
機台規格 Machine	機台尺寸	Size(LxWxH)	mm	2400x2150x2500	2400x2150x2500	2400x2150x2500	4000x2150x2500	4000x2150x2500	
	機台重量	Weight	kg	2700	2700	2700	6500	6500	
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。								
	※2. 最終產能需依據瓶胚、瓶型而定。								
	※3. 規格有變更，恕不另行通知。								

PHOENIX series



CPSB-TS4000H	CPSB-TSS6000	CPSB-TS2000W	CPSB-TS4000W	CPSB-TS2000E	CPSB-TS2000WE	CPSB-T3000E	CPSB-TS4000E	CPSB-TSS6000E
48000	48000	16000	48000	16000	16000	48000	48000	48000
130	110	130	130	130	130	160	130	110
320	240	320	320	320	320	350	320	240
50	50	50	50	50	50	50	50	50
114.3	76.2	114.3	114.3	114.3	114.3	152.4	114.3	76.2
4	6	2	4	2	2	3	4	6
1.5	0.6	1.5	1.5	1.5	1.5	3	1.5	0.6
38	38	63	63	38	63	38	38	38
105	68	105	105	105	105	140	105	68
320	240	320	320	320	320	350	320	240
72	108	38	72	38	38	54	72	108
2000	6000	2000	4000	2800	2400	4200	5600	8400
4	4	2	4	2	2	4	4	4
36	28	32	36	32	32	44	36	28
64	56	35	68	40	40	87	75	61
59	51	32	63	32	32	75	63	51
80	68	44	84	44	44	100	84	68
7	7	7	7	-	-	-	-	-
2000	2000	1800	2000	-	-	-	-	-
35	35	35	35	35	35	35	35	35
10000	4900	2600	5700	3200	2800	8200	6500	5800
-	4	4	4	4	4	4	4	4
-	5~25	5~25	5~25	5~25	5~25	5~25	5~25	5~25
-	22682	15120	22682	15120	15120	22682	22682	22682
-	100	75	100	75	75	100	100	100
2~3	-	-	-	-	-	-	-	-
60~180	-	-	-	-	-	-	-	-
27520	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-
4	4	4	4	4	4	4	4	4
25	25	25	25	25	25	25	25	25
78000	78000	39000	78000	39000	39000	78000	78000	78000
260	260	130	260	130	130	260	260	260
4000x2150x2500	4000x2150x2500	2400x2150x2500	4000x2150x2500	2400x2150x2500	2400x2150x2500	4000x2150x2500	4000x2150x2500	4000x2150x2500
6500	6500	2700	6500	2700	2700	6500	6500	6500

1. If mold thickness is less than 7mm, it is required to be made in stainless steel.

2. The actual output depends on the preform quality and bottle shape.

3. Specification are subject to change without notice.



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