

# SS10

**High Quality Bottle Solutions  
for 10mL – 2.5L Bottle Production**

One Stage Injection Stretch Blow Molding Machine



**銓寶 SS10 一段式吹瓶機**  
10ML – 2.5L 瓶完全生產解決方案



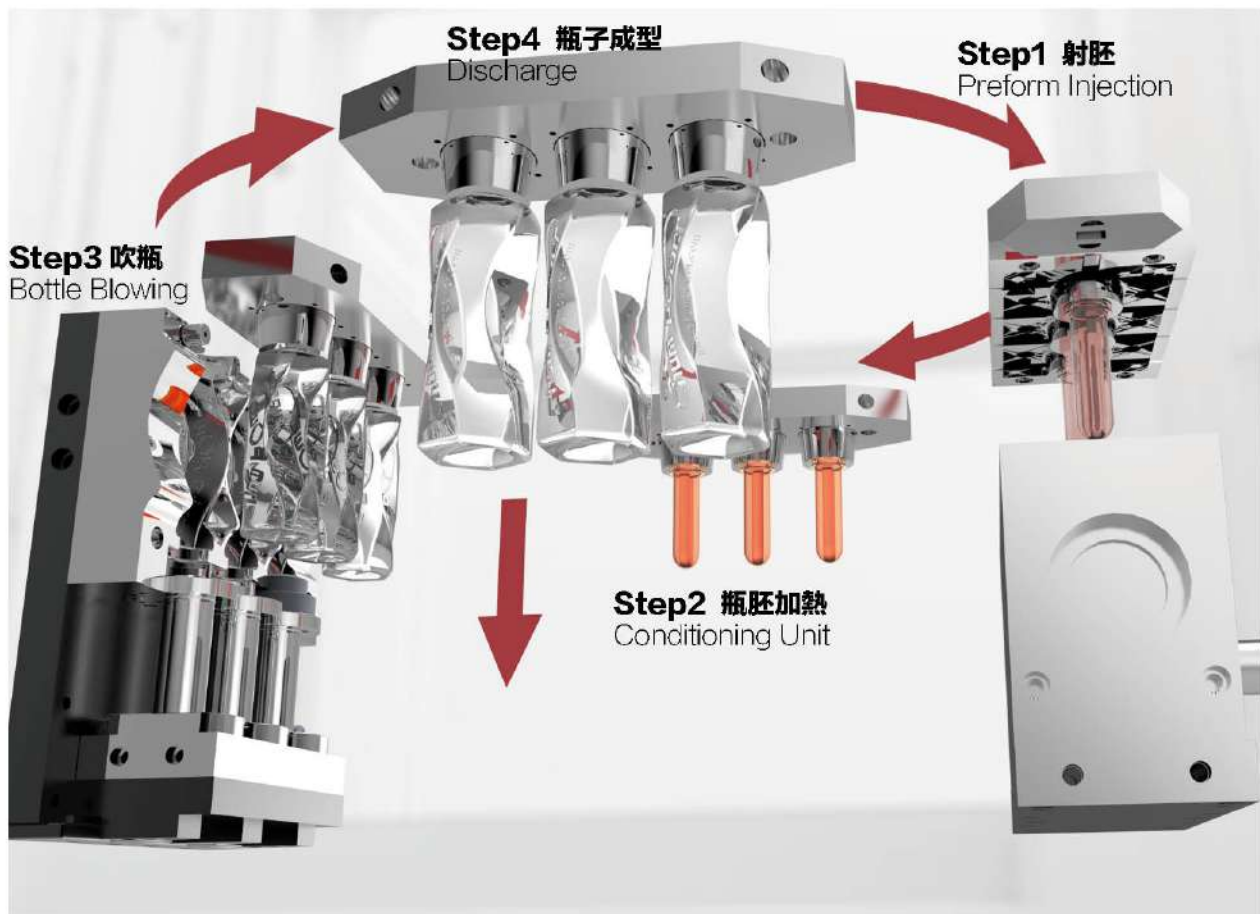
# SS10

Energy consumption reduced by **40%**  
Production speed increased by **25%**

耗電量減少 **40%**  
生產速度提升達 **25%**







High quality, Diversified,  
Single stage production solutions



### Production Flexibility

Depend on neck size, machine can process bottle size from 10cc (8 cavities) to 2.5L (single cavity), which offers great production flexibility with various resin type such as PET, PET-G, TRITAN. Fulfilling all bottle requirements with just one machine.

### Wide Product Range

Specially designed and developed for small volume diversified production and special bottle designs. Regardless of medicine bottles, cosmetic bottles, perfume bottles, detergent bottles, baby bottles, or special design bottles, this machine can fulfill all your production needs.

### High Quality Assurance

In single stage process, preform injection and bottle blowing are done in one machine, as the neck is handled by the die

throughout the entire process and blow molding to ensure the preforms do not come into contact with other objects during transportation, thus producing finished products with glossy, complete, and untarnished appearances. Suitable for high-priced and high quality bottle production.

### Innovative Design for Upgraded Quality

The standard hot runner for SS10 is industry standard thermal gate type; however hot runner with valve gate type is also available for higher preform gate finishing and wider processing window. An independent blow molding system and a smart temperature control system to ensure the improved quality of the finished products.

### General Mold System

SS10 applies the general mold system, which is applicable

to one sectional mold of other brands so that its original mold could be directly connected. Launching SS10 could not only shorten the time for starting the production but also reduce the production cost.

### Economic and Energy Saving Production Method

Without the need to outsource preforms or for additional capital investment in injection machinery purchase, single stage process provides advantages of lower operational cost and occupies less floor space (No need for preform storage). Since this process does not required secondary heating, with the help from servo driven injection system coupled with hybrid hydraulic system, CPSB-SS10 is able to save up to 40% in energy consumption while improving the overall output by 25%.





## 高質量，多樣化，一段式生產解決方案

### 產品適用範圍廣

多模腔選擇，最高可達 8 模腔，生產瓶型容積由 10c.c. ( 8 模腔 ) 至 2500c.c. ( 單模腔 )，材質從 PET, PET-G, TRITAN 一機滿足各種瓶型需求。

### 滿足您對瓶型的渴望

專為少量多樣、特殊造型設計開發，不論是醫藥瓶、化妝瓶、香水瓶、清潔瓶、嬰兒奶瓶、特殊造型瓶等，一機就能完成生產。

### 一段式生產，高質量保證

射胚、吹瓶一機一站式完成生產，胚的牙口包覆於牙板中調溫、吹瓶，胚在輸送中不會與其他物件有接觸碰撞情形，成品外觀亮麗完整無刮痕，最適合高單價、高質量瓶型生產。

### 通用模具系統

SS10 採用了通用型的模具系統，亦可適用於其他品牌的一段式模具，可讓原本模具直接掛上 SS10 進行投產，不僅縮短投產時間，更能減少生產成本。

### 全新智能設計，質感再升級

新加入的射口殘料切除系統能將餘料切除，獨立的吹瓶系統、智能控溫系統的多樣設計，成品質感再升級。

### 經濟、節能的生產方式

免去購買瓶胚、另外添購射出機，減少設備成本也大幅省下廠房空間（場地和瓶胚存放空間）。免去二次加熱製程，新一代的伺服系統設計，更可省下高達 40% 的電力，而速度卻比上代機種快上 25%





## 一站式服務

### One-Stop Services

#### 模具開發

超過 20 年，1000 組以上吹瓶模具設計經驗，銓寶的品質和技術是您最可靠的選擇。

#### 瓶型設計

銓寶迄今已為客戶設計近萬副模具，我們的模具專家可以將您的概念和需求化為為產品，無論是吹瓶模具或是瓶胚模具，我們都可以為您量身打造出高質量、高可靠度的精密模具。

#### 整廠規劃方案

我們豐富的經驗更可以作為您最好的生產規劃顧問，提供的服務包括：

- 完整的售前諮詢服務
- 結合射出吹瓶系統規劃
- 硬體規劃，周邊設備搭配等系統工程
- 智慧工廠規劃
- 教育訓練

#### Mold Development

With over 20 years of experience in over 1000 sets of mold design, CHUMPOWER offers you the most reliable quality and technology.

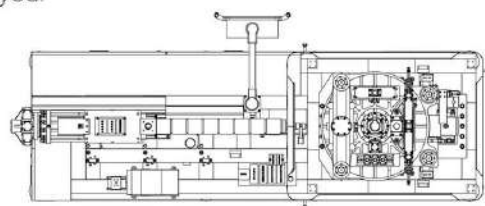
#### Bottle Design

As of today, CHUMPOWER has designed over tens of thousands of mold for our clients. Our mold specialists can convert your ideas and requirements into products. Be it blow molds or preform molds, we are able to customize high quality and high reliability precision molds to your specifications.

#### Whole Plant Planning Solutions

Our extensive experience can provide you with the best production consultation, including:

- Comprehensive before-sales consultation
- Integrated injection and blowing system planning
- Hardware planning, peripheral and system
- Smart factory planning
- Education and training



CPSB-SS10-II

長 (L): 500cm 寬 (W): 150cm 高 (H): 280cm

			UNIT	CPSB-SS10
標準模穴數 Standard number of cavity	注塑模	Injection Mold	cavities	1~6 (8*)
	吹瓶模	Blow Mold	cavities	1~6 (8*)
射出單元 Injection unit	螺桿直徑	Screw Diameter	mm	45
	理論射出量	Theoretical Shot Volume	cm3	238.5
	注塑量	Injection Capacity	cm3/shot	153
	射出壓	Injection Pressure	kgf/cm2	140
	射出率	Injection Rate	cm3/sec	188
	射出行程	Screw Stroke	mm	150
	螺桿速度	Screw Speed	R/min	230
	射出合模力	Injection Mold Clamping Force	kgf/cm2	15800
射出成形單元 Injection Mold clamp unit	胚模行程	Injection Mold Stroke	mm	250
	射座行程	Injection Seat Stroke	mm	167 (100/67)
	合模力	Blow Mold Clamping Force	kgf/cm2	11000
拉吹成形單元 Stretch Mold Station	模具行程	Blow Mold Stroke	mm	200
	調整罐行程	Conditioning Pot Stroke	mm	170
調整單元 Conditioning Station	調整模芯行程	Conditioning Core Stroke	mm	270(選配)
	系統壓力	System of Pressure	kgf/cm2	140
油壓單元 Hydraulic System	容量	Oil Tank Capacity	L	240
	操作電壓	Operation Voltage	V	220
	操作壓力	Operation Air Pressure	kgf/cm2	8
低壓單元 Low Pressure	耗氣量	Consuming	L/Min	385
	操作壓力	Operation Air Pressure	kgf/cm2	25
高壓單元 High Pressure	耗氣量	Consuming	L/Min	450
	電壓	Supply Voltage	V	3P4W 400V+6%-10% 50/60Hz
電力系統 Electrical System	油壓馬達	Hydraulic Servo Motor	Kw	30
	加熱功率	Total Heating Power	Kw	14.3
	驅動功率	Driving Power	Kw	47
冷卻水規格 Cooling Water System	消耗量	Consuming	L/Min	60
	操作壓力	Operation of Pressure	kgf/cm2	3~5
	溫度範圍	Temperature	°C	28~32
冷凍水規格 Chiller Water System	消耗量	Consuming	L/Min	60
	操作壓力	Operation of Pressure	kgf/cm2	4~6
	溫度範圍	Temperature	°C	10~15
機台尺寸 Machine	機台尺寸	Size(LxWxH)	mm	4500x1500x3000
	機台重量	Weight	kg	5500

模穴數 Cavity number				1	2	3	4	5	6	(7)*	(8)*
CPSB-SS10	最大瓶身直徑	Max. diameter	mm	118	90(100)	66(85)	54(69)	56	45	(28)	(26)
	最大瓶身高度	Max. height	mm	300	300	300	300	200	200	(150)	(150)
	最大牙部尺寸	Max. Neck diameter	mm	83	62	48	38	32	25	(17)	(15)
	最大注塑克重	Max. weight	g	129	65	43	32	26	22	(18)	(16)
	參考容積	Est. volume	L	2.50	1.50	0.90	0.40	0.25	0.10	(0.03)	(0.02)

備註：( )表示當瓶高小於200mm時可生產之瓶身直徑 ( ) is diameter of the bottle that can be produced when the bottle's height is less than 200mm.

1. 以上規格所述，射出材質以 PET 為主。 The above specification depends on PET material.  
2. 規格若有變更，恕不另行通知。 Specification are subject to change without notice.

**Chum Power**

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