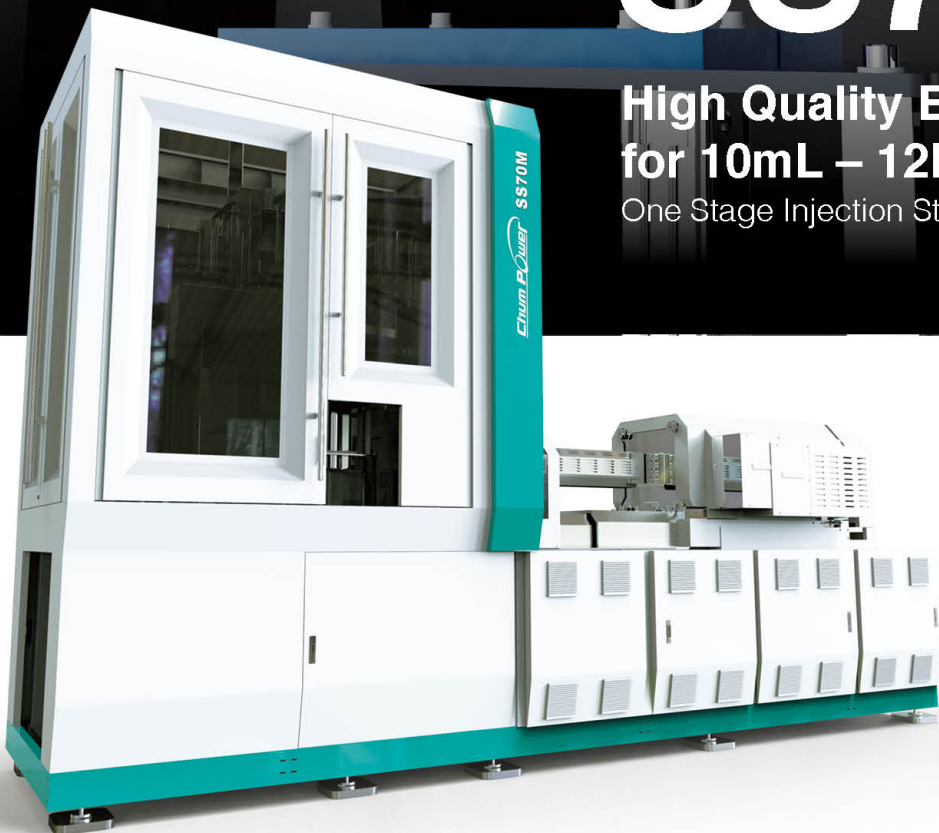




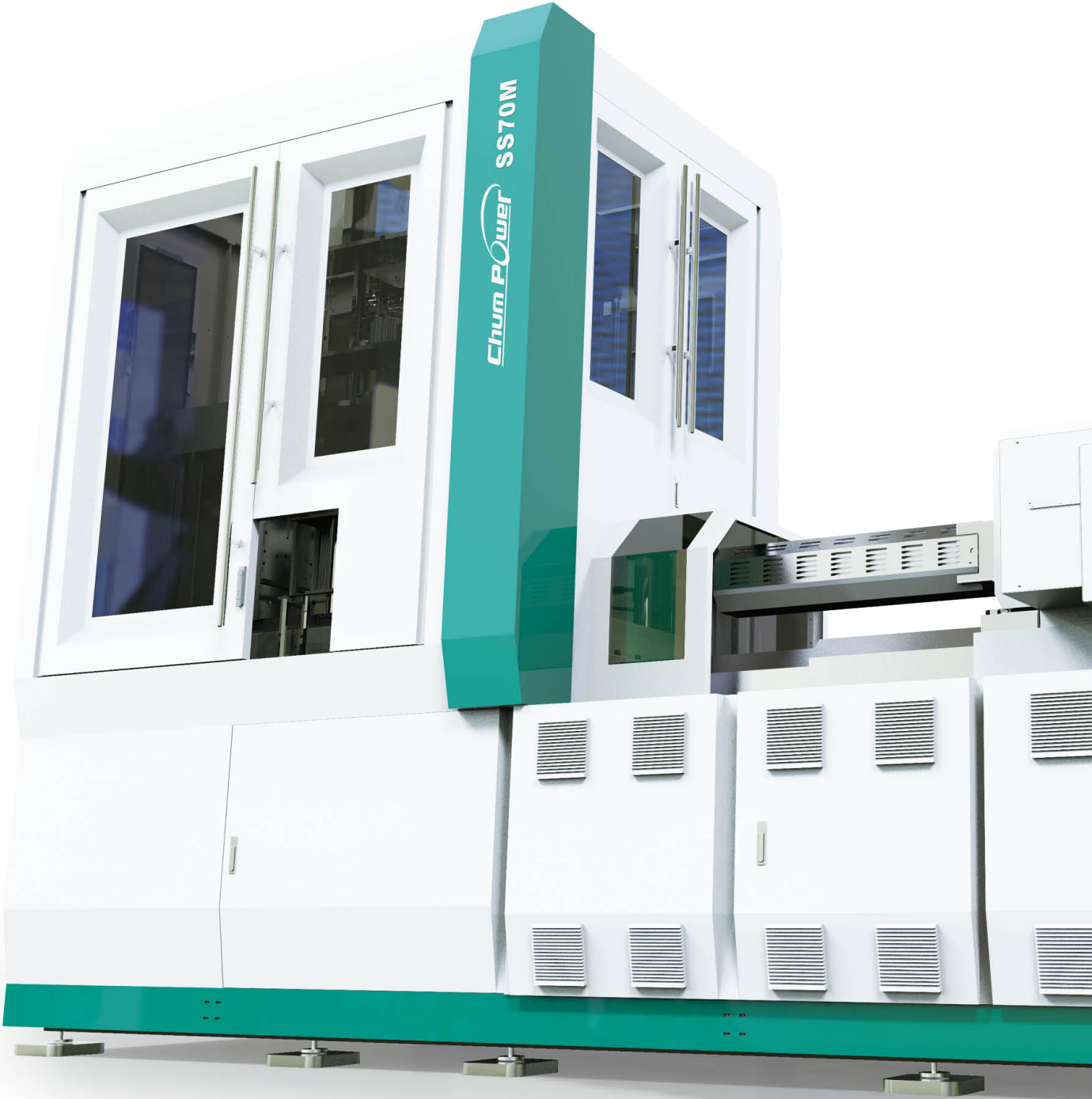
# SS70M

**High Quality Bottle Solutions  
for 10mL – 12L Bottle Production**  
One Stage Injection Stretch Blow Molding Machine



**銓寶 SS70M 一段式吹瓶機**  
10ML - 12L 瓶完全生產解決方案

**Chum Power**



# SS70M

Energy consumption reduced by **45%**

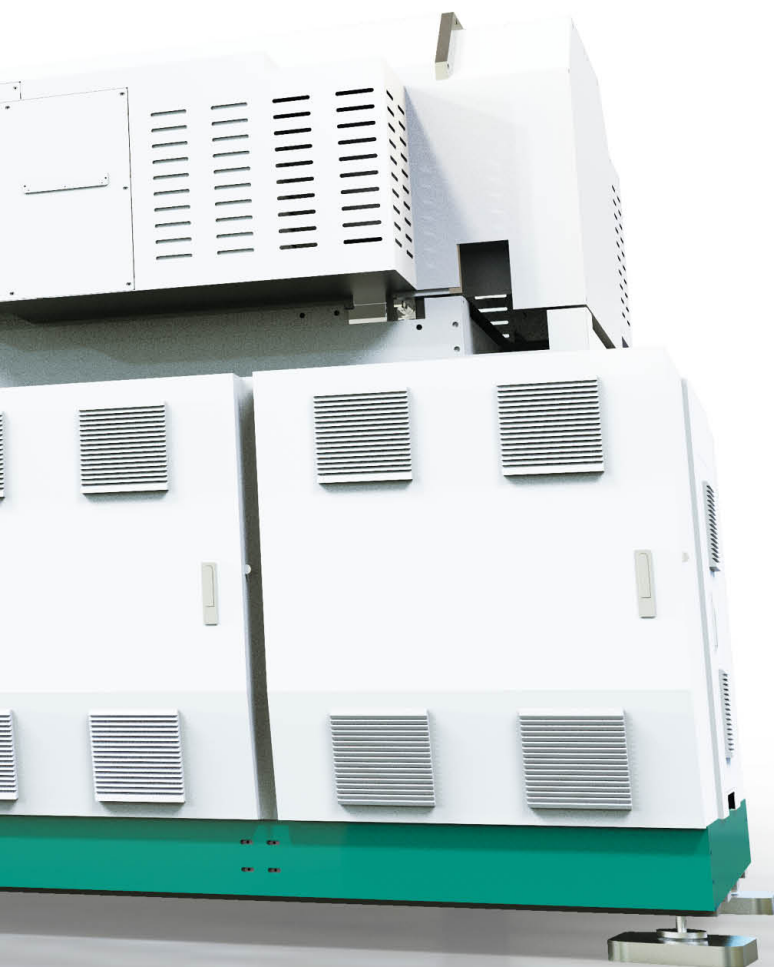
Production speed increased by **30%**

All-electric injection system

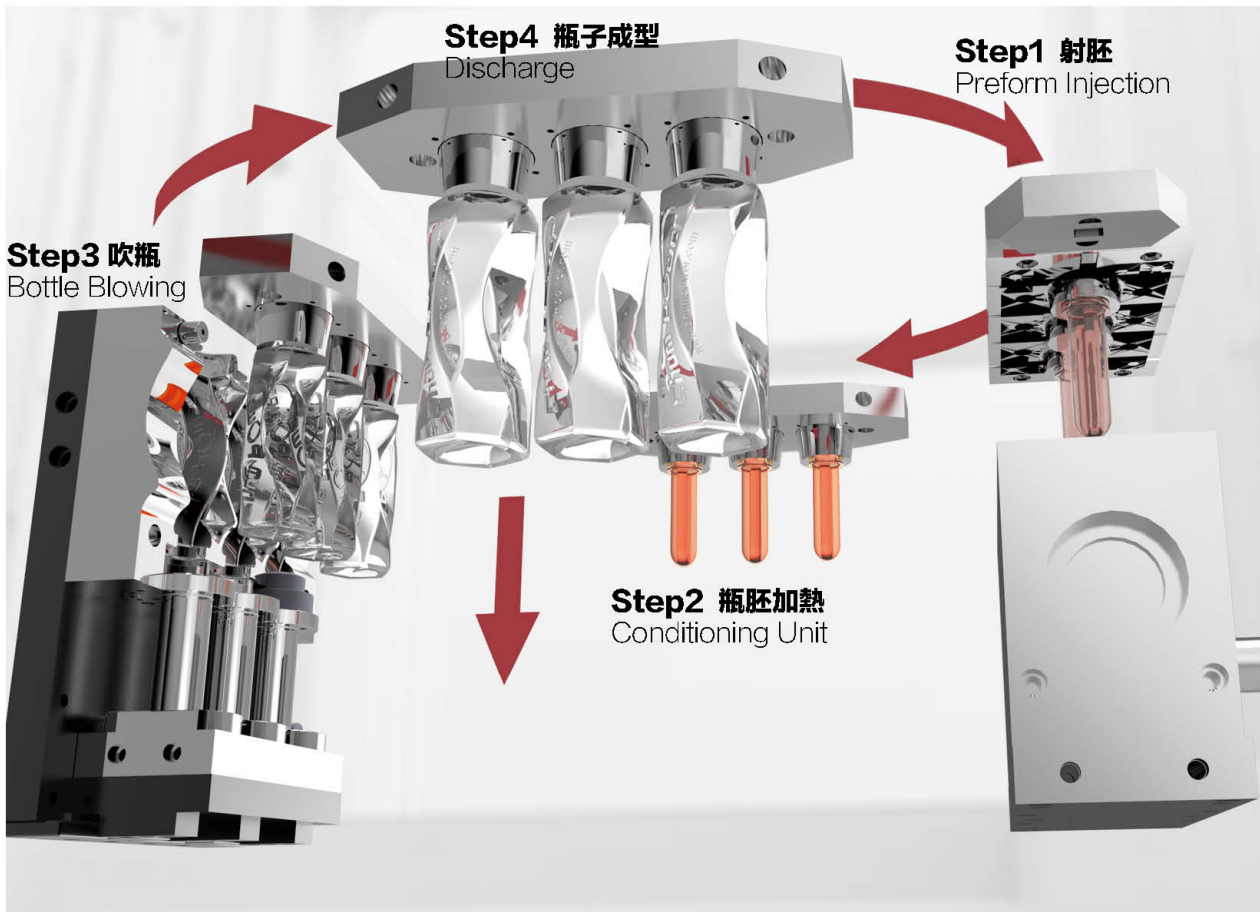
耗電量減少 **45%**

生產速度提升達 **30%**

全電射出系統







## High quality, Diversified, Single stage production solutions

### Wide Product Range

Multiple cavity processing capability (up to 12 cavity), for bottle with volume from 100ml (12 cavity) to 12L (single cavity) in PET, PET-G, or TRITAN. One machine for wide range of bottle type.

### Economy, energy-efficient method of production

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-SS70M is able to save up to 45% in energy consumption while improving the overall output by 30%.



## The First in the Industry, Bottle with Integrated Handle

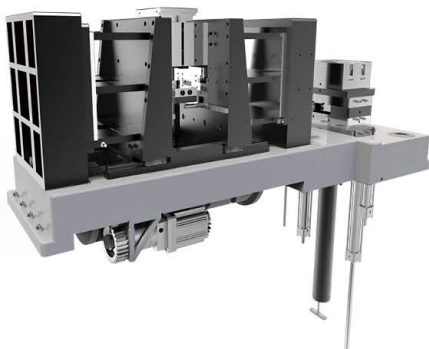
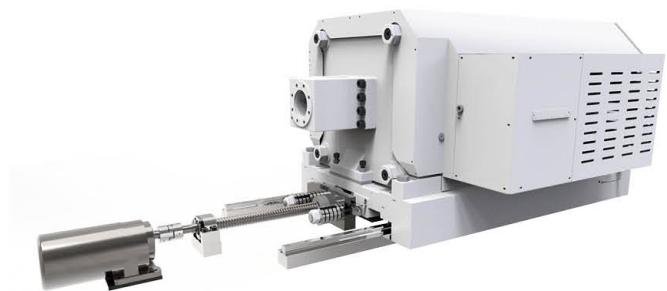
Conventional two-stage process for PET bottle with handle can be done either by pre-insert or post-insert method. CHUMPOWER SS70M is the first single stage blow molding machine to form the handle during the injection stage, followed by stretch and blowing to form the final bottle with integrated handle. A new innovation patented by CHUMPOWER.

## 63mm neck, 6 cavity production output

For maximum output, CHUMPOWER SS70M can handle up to six cavity for 63mm neck finish, which is commonly used in packaging sector.

## All-electric injection system for precision and high repeatability

All-electric injection system allows for higher injection stability over the hydraulic type, not only the injection cycle is reduced, the shot weight for each cycle can be controlled more precisely, therefore saving more materials and energy.



## Servo driven sealer and clamping mechanism

Servo driven sealer mechanism for fast and accurate command execution; while blow mold is also servo driven to achieve precise synchronization and high accuracy component movement without the negative effect of contamination from hydraulic oil.



## 高質量，多樣化，一段式生產解決方案

### 一段式首創，一體成型把手瓶

以往在二段式機型，以前植入或後植入方式加入把手，銓寶 SS70M 直接於瓶胚射出時直接把手成型，一體成型把手瓶為一段式吹瓶機首創，也是銓寶專利。

### 產品適用範圍廣

多模腔選擇，最高可達 12 模腔，生產瓶型容積 100c.c.(12 模腔) 到 12L(單模腔)，材質從 PET、PET-G、TRITAN 一機滿足各種瓶型需求。

### 63mm x 6 腔產能

銓寶 SS70M 可在最常用的 63mm 牙口，實現高達六腔的生產，大幅提升產能。

### 全電射出系統，精準又穩定

採用全電射出機使穩定性高於以往的油壓控制，除了大幅減少瓶胚射出時間，還可以精準控制瓶子克重數，節省材料亦能降低能耗。

### 封口及吹瓶模皆採用伺服控制

封口採用伺服電機驅動，可以快速且精確的接收指令；吹瓶模採用伺服電機驅動，同步性質佳、高精準度，亦可減少油的汙染。

### 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，全電式射出機構及伺服油壓控制，讓機器省下高達 45% 的電力，產能提升 30%。





## 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.

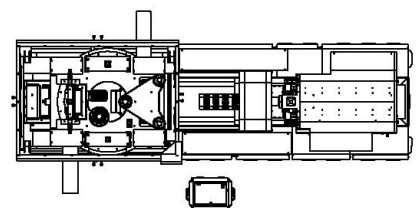
#### Bottle Design

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-SS70M

長 (L): 530cm 寬 (W): 200cm 高 (H): 400cm

			UNIT	CPSB-SS70M
標準模穴數 Standard number of cavity	注塑模	Injection	cavities	1~12
	吹瓶模	Blow	cavities	1~12
注塑單元 INJECTION UNIT	螺桿規格	Screw diameter	mm	56
	理論射出容量	Theoretical shot volume	cm <sup>3</sup>	493
	注塑量	Injection capacity	g/shot	448
	注塑壓力	Injection pressure	Mpa	140
	注塑率	Injection rate	cm <sup>3</sup> /sec	616
	螺桿行程	Screw stroke	mm	200
	螺桿速度	Screw speed	r/min	250
射出成型單元 INJECTION MOLD CLAMP STATION	胚模合模力	Injection mold clamping force	kgf	70000
	胚模行程	Injection mold clamping stroke	mm	260
	射座行程	Injection stroke	mm	400
拉吹成型單元 STRETCH BLOW MOLD CLAMP STATION	合模力	Blow mold clamping force	kgf	24680
	模具行程	Blow mold clamping stroke	mm	280(130/150)
	拉桿行程	Stretch stroke	mm	350
調整單元 CONDITIONING STATION	調整模芯行程	Conditioning core stroke	mm	320
	調整罐行程	Conditioning pot stroke	mm	330
油壓單元 HYDRAULIC CIRCUIT	油壓壓力	System pressure	kgf/cm <sup>2</sup>	140
	容量	Capacity	L	200
低壓單元 LOW PRESSURE SYSTEM	操作壓力	Operation air pressure	kgf/cm <sup>2</sup>	10
	耗氣量	Consuming	L/min	350
高壓單元 HIGH PRESSURE SYSTEM	吹瓶壓力	Blowing pressure	kgf/cm <sup>2</sup>	35
	高壓耗氣量	Consuming	L/min	2000
電力規格 ELECTRICAL SYSTEM	電壓	Supply voltage		380
	油壓馬達	Hydraulic pump motor	kW	30
	加熱功率	Total heating power	kW	15
	總耗電量	Total power Consuming	kW	73
冷卻水規格 COOLING WATER SYSTEM	流量	Flow rate	L/min	60
	操作壓力	Operating pressure	kgf/cm <sup>2</sup>	3~5
冷凍水規格 CHILLER WATER SYSTEM	流量	Flow rate	L/min	60
	操作壓力	Operating pressure	kgf/cm <sup>2</sup>	4~6
	溫度範圍	Temperature	° C	10~15
機台規格 MACHINE	機台尺寸	Size(LxWxH)	mm	5300x2000x4000
	機台重量	Weight	kg	17000

Cavity Number	cavity	1	2	3	4	5	6	7	8	(9)	10	(12)	
Max. Capacity	L	12	4.7	4	3	1.8	1	0.6	0.4	0.35	0.25	0.1	
Max. Thread Diameter	T	mm	160	120	110	95	77	63	42	36	34	27	18
Max. Body Diameter	BD	mm	210	155	130	120	99	80	66	54	53	47	37
Max. Height	HB	mm	350										
Max. Weight	g	320	160	107	80	64	53	45	40	35	32	26	

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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