



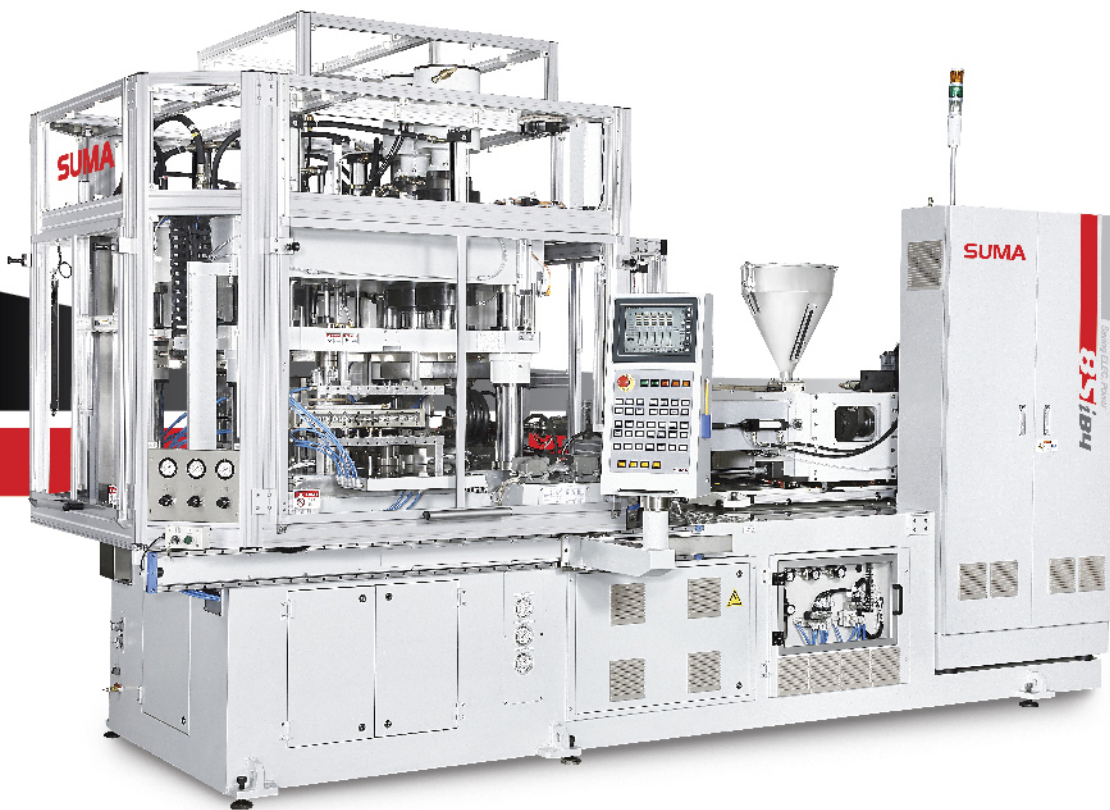
**SUMA**  
PLASTIC MACHINERY



*Saving ELEC. Power*  
**60/85 iB4**

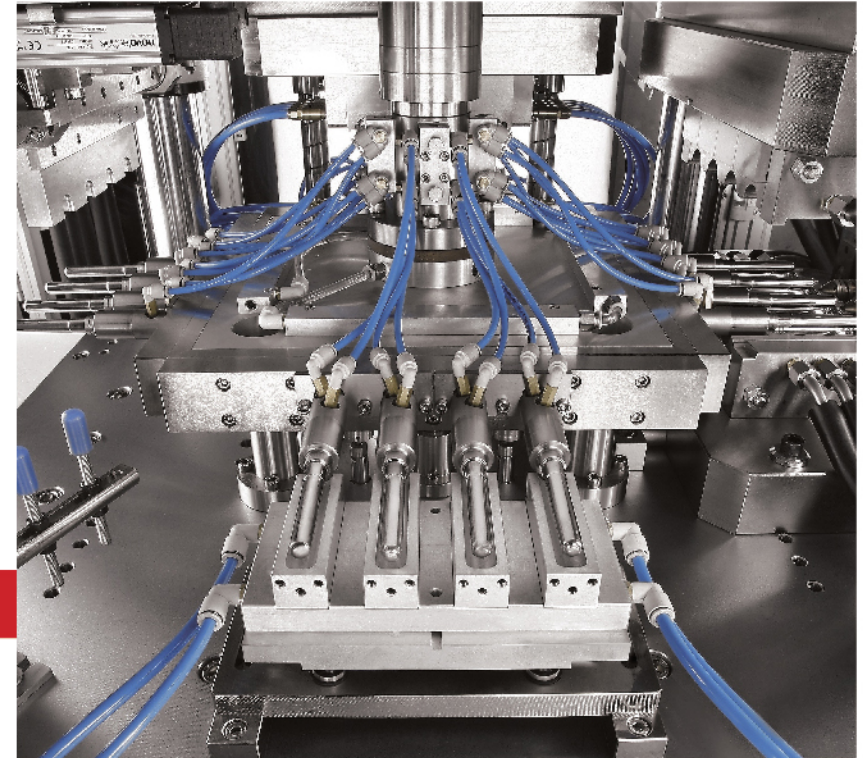
Injection Blow Molding Machinery **4-station**

[www.suma.com.tw](http://www.suma.com.tw)



## Injection Blow Molding Machinery

# 4-station



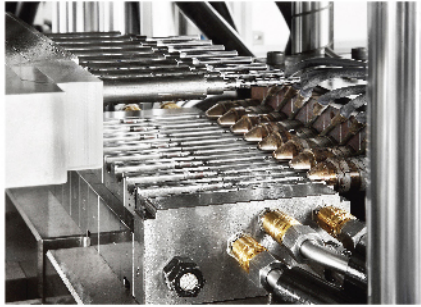
# SUMA

We are the specialized manufacturer of one-step Injection Blow Molding Machine. We provide customer-made machine according to customer's requirements.

Our machines are available for many plastic materials (PP, PE, PS, etc.), and also PET/PETG-capable with sophisticated technology.

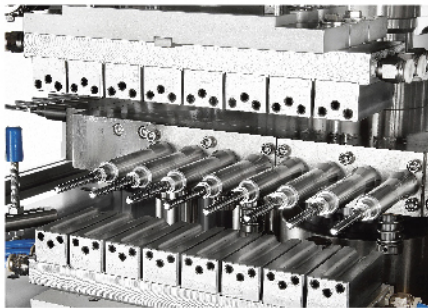
It is suitable for making bottles from 3ml to 500ml on many applications of cosmetics, pharmacy, personal care, household, and beverage and so on.

Professional manufacture and kind service is the best choice for you to create productivity and profits.



## 1 station

The material is injected into the preform cavities by injector and forming a parison with precise neck section.



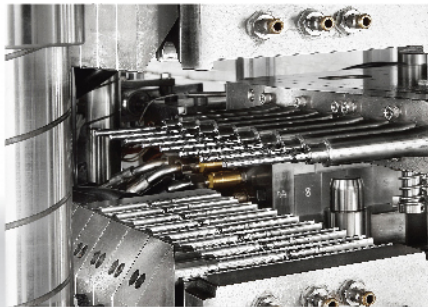
## 2 station

The turntable transfers the parisons to this step, the blowing, by rotates 90 degrees. Here, the parisons are blowing to form a container.



## 3 station

The turntable rotates again and transfer the shaped bottle to this step, stripping. The finished bottles are stripped by stripper and ejector.



## 4 station

To adjust temperature of core rods depending varied bottle in this station. After adjustment, the finished bottles can be more stable and precise.



## FEATURES

- Energy Saving System saving 50%~70% electricity.
- Automatic producing and no need to deflashing and trimming.
- Unity-forming without seam.
- Stable operation and low noise.
- Aluminum frame makes easier to observe and maintenance which also shows neat and modernize.
- The touch screen with graphical interface is easy-to-learn for user.
- Holding pressure free programmable in 6 steps. And 10 steps for each of injection and plasticizing.
- Real values of time, speed and pressure of injection and plasticizing can be monitoring and control by terminal.
- Automatic failure detect and showing the abnormal message on touch screen.
- Injection mold, blow mold, injection and plasticizing can be separately. controlled, so shorter cycle time by rapidly processing.

We provide professional mold design, manufacture and testing, the quality and precision are guaranteed.

- The material of mold is made of stainless steel to prevent the pollution of rustiness and corrosion.
- The properties of mold are high hardness, high strength, high wear resistance and tough to extend the durability of mold.
- Each cavity of mold is individual means easier to modify or dismantle for production and mold adjustment.
- Suitable for producing the bottle neck diameter from 6mm to 70mm.
- Position device of mold and mold base makes assembly faster and locate precisely.
- Mold change can be finished within 3 hours.

Saving ELEC. Power

MECHANICAL SPECIFICATION

# 60/85iB4

SUMA

60iB4

85iB4

		60iB4	85iB4
Screw diameter	mm	45	50
Injection volume	cm <sup>3</sup> /shot	215	264
Injection stroke	mm	140	140
Plasticizing rate	cm <sup>3</sup> /s	24	30
Screw L/D ratio	-	22	22
Preform clamp	kN	480	720
Blow mold clamp	kN	130	220
Press stroke	mm	145	180
Max. Die. set	mm	520 x 350	700 x 400
Trigger bar	mm	360	550
Dry cycle time	sec	3	3
Oil tank capacity	ℓ	160	160
Low compressed air	bar	6~10	6~10
High compressed air	bar	20~40	20~40
Air consumption	ℓ/min	500	700
Power supply	kW	39	45
L x W x H	m	4.4 x 1.8 x 2.5	4.6 x 2 x 2.8
Total weight	ton	7	10

**SUMA**  
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塑懋機械有限公司

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