



Mascara Project



Bottle Volume	Height	OD	Neck ID	Weight	Material	Estimated Cycle Time
10ml	75.1mm	16mm	9mm	4g	PET/PETG	10±2

Machine Specification

SUIMA

 **60 iB4**

85 iB4

Screw diameter	mm	45	50
Injection volume	cm ³ / shot	215	264
Injection stroke	mm	140	140
Plasticizing rate	cm ³ / 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

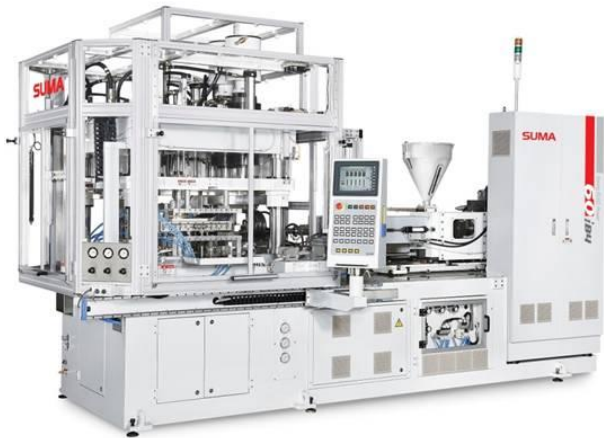
- ◆ Power Consumption: 10.48 KW/hour
- ◆ Cavities: 8 CAV.
- ◆ **Maximum productivity (output qty): 25,000,000 PCS/Year**
- ◆ Energy Saving System: 50-70% electricity saving

ON SALE
YOUR BEST CHOICE is
60 iB4 Injection Blow
Molding Machine

SUMA
PLASTIC MACHINERY



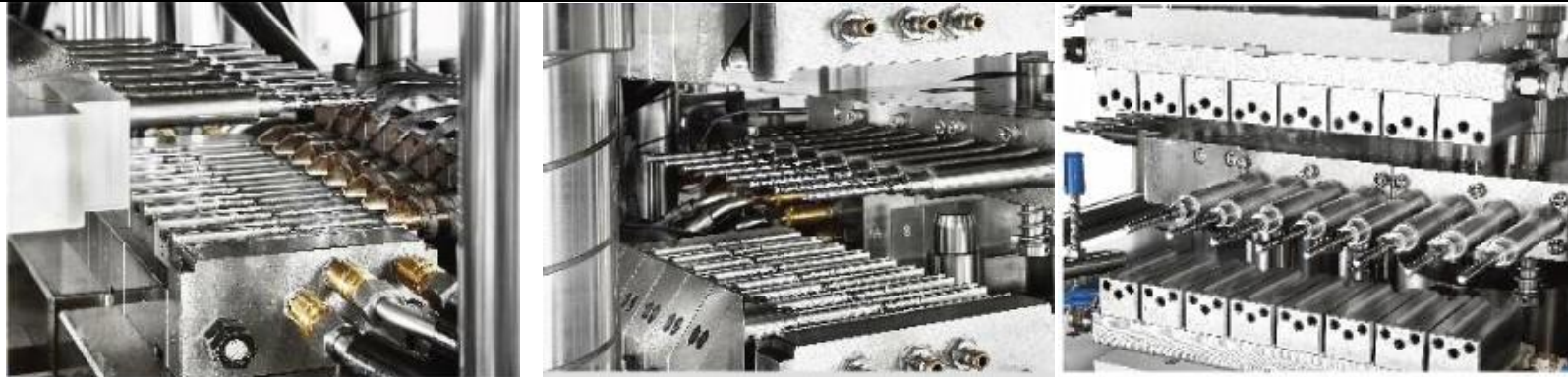
60iB4 for making PET/PETG bottles
Bottle Capacity is from 3ml to 500ml




SAVE YOUR MONEY
Energy Saving
Material Saving
Cost Saving

Mould Specification

Mold Consists of		
Item	Description	Material
1	Parison cavity or block	420 stainless Steel
2	Parison neck insert or block	420 stainless Steel
3	Blow mold cavity or block	420 stainless Steel
4	Blow Mold neck insert or block	420 stainless Steel
5	Bottom Plug	420 stainless Steel
6	Parison Side Plates (4) per mold	Stainless Steel
7	Blow Mold Side Plates (4) per mold	Stainless Steel
8	Core rod assemblies	Stainless Steel
9	Parison Dieset (2)	Steel nickel-plated
10	Blow Mold Dieset (2)	Steel nickel-plated





SUMA PLASTIC MACHINERY CO., LTD.
 NO. 359 SHIJIA East Rd., East Dist., Taichung City 40149 Taiwan
 Tel: 886 4 2215 5733 Fax: 886 4 2215 4419
 E-Mail: service@suma.com.tw
 Website: www.suma.com.tw ; www.suma.en.alibaba.com

The Electricity Consumption Saving of Suma Machines-60iB4

Electricity Calculation is based on kw(kilowatt)

Power Consumption	Every Hour	Every Day(24hours)
	60iB4	60iB4
Power Consumption every hour(Unit: KW)	10.48	251.52
Water Temperature Controller(Unit: KW)	2.3	55.2
Water Chiller(Unit: KW)	0.9	21.6
3 in ONE Dryer (PET)	6.6	158.4
Total power consumption	20.28	486.72



60iB4 is your best choice!

Application: Cosmetic Containers
 Pharmaceutical Containers

Material: A range of plastic materials

Volume: 3ml~500ml

With more energy consumption, more electricity consumption, electricity saving will be your best choice.

If you buy our set of machines, you just need to pay US\$ 1.7 per hour, US\$ 40.8 per day.

The power consumption for 60iB4 per 1 hour

Mascara: 8 caves, 15ml, PET, 8 seconds cycle time



Peripheral Equipment

WATER TEMPERATURE CONTROLLER

Specification: 2EW-1402

1. Temperature Range: Cooling + 20°C~140°C
2. Temperature Accuracy: $\pm 0.1^{\circ}\text{C}$
3. Medium: Water
4. Heat Water Pump: 2HP (SPECK PUMP)
5. Pump Max. Flow: 100L/min
6. Pump Max. Pressure : 6 Kg
7. Heater Capacity: 9000 W
8. Electric Parts: Breakers, magnetic switch which using Japan-FUJI, and solenoid valve –Italy “O.D.E”.
9. Temperature Controller: Using “OMRON” P.I.D Japan auto calculation.
10. Heat Pipe System: Stainless without seam
11. Pipe Size: 1” PT
12. Drain: 3/8” PT
13. Cooling Pipe: 1/2” PT
14. Dimension: L 73* W 30* H 67 (cm)
15. Power Consumption: 4.5 kW

WATER CHILLER

Specification: KT-150G

1. Ice Water Temperature: 5-25 °C
2. Refrigerating Capacity: 15575 Kcal/ H
3. Compressor Horsepower: 5 HP
4. Pump horsepower: 3 HP
5. ICE Water Flow: 50-220 L/ min
6. ICE Water Pressure: 4.6~3.3 Bar
7. Dilatation Water Tank: 80 Liter
8. Ice Water Fitting Pipe: 1 – 1/4 inch
9. Cooling Water Fitting Pipe: 1 inch
10. Freon: R22
11. Size: L 90* W 58* H 116 (cm)
12. Weight: 250 Kg
13. Power consumption: 2kW

3 in ONE Dryer (PET)

Specification: SDR10-3M

- (1) Air Flow 100m³/HR
 - 1HP High pressure dryer blower
 - 1/2HP High pressure regenerative blower
 - 4.5KW Regenerative heating
 - Regenerative TEMP. displace
 - Dryer TEMP. displace
- (2) 100kgDry hopper
 - 3.5KW Heater
 - SUS304 Hopper body
- (3) Resin convey + Vacuum feeder
 - Blower 1.1KW*2
 - Filter-SUS Material
 - Window
 - Automatic Controller
- (4) -Power consumption: 6.35 kW.