



## *Full Electric Energy Saving Bottle Blowing Machine AL-CP9S*



AL-series Full Electric Energy Saving Bottle Blowing Machine ensures first-class performance which combined with a comprehensive bottle solution development program to devise the best solution for high speed. The High Speed Bottle Blowing Machine features as high-tech component, stable running, less power and air consumption, minimized maintenance which could meet relevant national food sanitation requirements and shows the leading status domestically. The machine covers an extremely board range of applications including still or carbonated water, soft drinks, edible oil, juice and sport drinks, tea and milk or milk drinks.

### **Feature**

#### Feeding system

- Continous and high speed preform feeding system.
- Multiple protection device for precise preform feeding.

#### Transfer and heating system

- Horizontal rotation transfer system to eliminate preform flipping.
- Compact preform-chain base design for efficient heating and reduce energy consumption
- Optimized exhausting and preform surface cooling system.
- Infrared heat sensor for preform temperature monitoring
- Heating tunnel can inverse when changing the lamps

### Transfer and taking preform system

- Servo motor drive preform transfer system for quick transfer and precise preform locating.

### Blowing and clamping system

- Servo motor drive system with synchronized base blow mold for fast response operation.
- Precision electromagnetic valves for fast responding time and high production.

### Control system

- Touch panel control system for simple operation.
- 10 inch touch screen with 64K colors.

### Others

- All electric mechanism to ensure high-speed operation and precise locating.
- With quick mould change design.
- Low energy consumption, low wear, low pollution.

### **Technical Paramater**

Model		UNIT	AL-CP8M	AL-CP8N	AL-CP9S
CONTAINER	Number of Cavity	PCS	8	8	9
	Max. Capacity	L	1	1	0.6
	Max. Neck Diameter	mm	30	38	30
	Max. Body Diameter	mm	80	80	65
	Max. Bottle Height	mm	300	300	250
	Theoretical Output	B.P.H	14000	14000	15000
MOLDING	Spindle Chain Pitch	mm	38.1	50.8	38.1
	Cavity Pitch	mm	90	90	76.2
ELECTRICAL	Max. Heating Power	KW	80	80	60
	Servo Motor Power	KW	14	14	14
	Other Motor Power	KW	4.8	4.8	4.8
	Total Power	KW	98.8	98.8	78.8
	Voltage Frequency	V/HZ	380V+/-10% 50HZ/220V+/-10% 60HZ		
AIR SYSTEM	Blowing Pressure	Bar	35	35	35
	High Pressure consuming	L/Min	9000	9000	8000
WATER CHILLER	Pressure	Mpa	3-5	3-5	3-5
	Temperature Range	°C	10-12	10-12	10-12
	Flow Rate	L/Min	50	50	50
	Cooling capacity	HP	5	5	5
MACHINE DIMENSION	Size(L*W*H)	M	5.2*1.5*2.4	5.2*1.5*2.5	5.2*1.5*2.5
	Weight	KG	5600	5600	5600