



## ***Full Electric PET Stretch Blow Molding Machine AL-CP7S***



Full electric PET stretch blow molding machine is composed of three modules: preform elevator, perform unscrambler and host machine. It is equipped with automatic perform loading and unloading system. The machine is applicable for all shapes of drinking water bottles, carbonated bottles and juice bottles.

This high speed Bottle Blowing Machine has reasonable structure design, featured by its high speed, small space occupation, low power and HP consumption, less noise and excellent stability, and conforms to national beverage sanitary standards. It symbolizes the highest level of national linear blowing machine, It is the ideal bottle making equipment for beverage enterprises.

### **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-CP6M	AL-CP7S
<b>CONTAINER</b>	Number of Cavity	PCS	6	7
	Max. Capacity	L	1	0.6
	Max. Neck Diameter	mm	30	30
	Max. Body Diameter	mm	80	65
	Max. Bottle Height	mm	300	250
	Theoretical Output	B.P.H	10000	12000
<b>MOLDING</b>	Spindle Chain Pitch	mm	38.1	38.1
	Cavity Pitch	mm	90	76.2
<b>ELECTRICAL</b>	Max. Heating Power	KW	40	36
	Servo Motor Power	KW	11	11
	Other Motor Power	KW	3.46	3.46
	Total Power	KW	54	50
	Voltage Frequency	V/HZ	380V+/-10% 50HZ/220V+/-10% 60HZ	
<b>AIR SYSTEM</b>	Blowing Pressure	Bar	35	35
	High Pressure consuming	L/Min	7000	7000
<b>WATER CHILLER</b>	Pressure	Mpa	3-5	3-5
	Temperature Range	°C	10-12	10-12
	Flow Rate	L/Min	50	50
	Cooling capacity	HP	5	5
<b>MACHINE DIMENSION</b>	Size(L*W*H)	M	4.2*1.4*2.3	4*1.4*2.3
	Weight	KG	4600	4600