



Full Servo PET Blow Moulding Machine AL-CP6M



AL-CP6M and AL-CP7S are full servo motor PET Blowing Machine with clamping servo, stretching servo, transfer preform servo, separating preform servo and oven rotation servo. 6 cavity output 10000BPH, Max. blow bottles 1L; 7 cavity output 1200BPH, Max. blow bottles 0.6L. Adopt advanced world famous brand components in servo parts, pneumatic parts, electric parts and operation parts. This high speed Bottle Blowing Machine is widely used for producing carbonated bottles, mineral water bottle, pesticide bottle, oil bottle, cosmetics bottles and so on.

Feature

Feeding system

- Continuous 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
CONTAINER	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
MOLDING	Spindle Chain Pitch	mm	38.1	38.1
	Cavity Pitch	mm	90	76.2
ELECTRICAL	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	
AIR SYSTEM	Blowing Pressure	Bar	35	35
	High Pressure consuming	L/Min	7000	7000
WATER CHILLER	Pressure	Mpa	3-5	3-5
	Temperature Range	°C	10-12	10-12
	Flow Rate	L/Min	50	50
	Cooling capacity	HP	5	5
MACHINE DIMENSION	Size(L*W*H)	M	4.2*1.4*2.3	4*1.4*2.3
	Weight	KG	4600	4600