



## ***Drinking Water Bottle Making Machine AL-TP6M***



This drinking water Bottle Making Machine used for PET water bottle, hot-fill bottle, CSD drinking, oil and pesticide bottle.

Adopt full servo control system (clamping servo, stretching servo, transfer preform servo, separating preform servo), makes structure stable and reliable. Also with high -speed and smooth easy maintenance advantage. Mold installation is very flexible which can meet the needs of non-stop online production. It has 4/5/6cavity, the production from 6000-9000 pcs/hr. Same machine size and structure for different bottle scale volume.

### **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-TP6M
CONTAINER	Number of Cavity	PCS	6
	Max. Capacity	L	30
	Max. Neck Diameter	mm	30
	Max. Body Diameter	mm	80
	Max. Bottle Height	mm	300
	Theoretical Output	B.P.H	9000
MOLDING	Spindle Chain Pitch	mm	38.1
	Cavity Pitch	mm	90
ELECTRICAL	Max. Heating Power	KW	40
	Servo Motor Power	KW	9.75
	Other Motor Power	KW	4.21
	Total Power	KW	54
	Voltage Frequency	V/HZ	
AIR SYSTEM	Blowing Pressure	Bar	35
	High Pressure consuming	L/Min	7000
WATER CHILLER	Pressure	Mpa	3-5
	Temperature Range	°C	10-12
	Flow Rate	L/Min	50
	Cooling capacity	HP	5
MACHINE DIMENSION	Size(L*W*H)	M	4*1.3*2.3
	Weight	KG	4300