

## *Full Automatic PET Bottle Blow Molding Machine BM-A6*



This Full Automatic PET Bottle Blow Molding Machine used for the produce of PET water bottle, hot-fill bottle, CSD, drinking oil and pesticide bottle adopt servo control system, and structure are stable and reliable, high -speed and smooth, easy maintenance. The equipped mold is very flexible which can meet the needs of non-stop inline produce. The touchable screen control and temperature adjustment simplified the temperature adjustment for different bottle blowing. Servo motor controls the stretch rod to stretch the preform. The advantage is: PET bottle machine can stretch the preform by phase, firstly, position the preform, make the preform in a vertical position, then second stretch. By this way PET bottle machine guaranteed the stretch of the preform evenly and consistently .The stretch speed is very fast and accurate.

### **Features:**

1. Reasonable design, full automatic control, save power and labor.
2. Adopting high quality components.
3. Feeding system carries the preform by robot automatically.
4. Infrared oven heater adopts the quartz lamp to heat the PET tubes.
5. Full automatic process with low investment, high efficiency, quick and safe operation, easy for trouble-shooting, maintenance and other benefits.

**Technical Parameter:**

<b>Model</b>	<b>Item</b>	<b>BM-A6</b>
Capacity(pcs/h)	Depend on bottle design	4000-5000
Product type	Volume	0.1-2L
	Bottle diameter	≤100mm
	Height	≤310mm
	Neck diameter	28-38mm
Mold	Cavity	6
	Mold thickness	240mm
	Mold volume	640*240*360mm
Main machine power	Electrical source power	220/380V, 50/60HZ, 3PHASE
	Rated power	73KW
	Really use power	25KW
Air system	HP Air compressor	6.0m <sup>3</sup> /min 30kg
	LP Air compressor	2.0m <sup>3</sup> /min a0kg
	Air tank	0.6m <sup>3</sup> /min 30kg
	Air dryer	2.0m <sup>3</sup> /min 30kg
Mold cooling	Water chiller	5HP
Machine	Dimension	4100*1400*1800
	(L*W*H)	
	Weight	3600kgs
Preform unscrambler	Size (L*W*H)	2000*950*2480
	Weight	250kgs