

Bottle Automatic Blowing Machine 0.5L-2L



0.5L-2L Pet Bottle Automatic Blowing Machine

Full-automatic PET bottle blow molding machine is the most stable two-step automatic stretch blow moulding machine. PET bottle blowing machine has two cavities to six cavities and the maximum volume of the products is 2000ml. the speed is 1000 bottles per hour per cavity (based on 500ml bottle). PET bottle machine can blow bottles in shapes: carbonated, mineral, pesticide, cosmetics, wide-mouth, hot filling, and other packing containers, which is made of plastic of crystalline type, such as PET and PP etc.

Product Advantages

- 1). Stable performance with advanced PLC.
- 2). Automatic preform conveyer to save human cost.
- 3). Preform self-rotation and infrared pre-heater revolution assure the even distribution of heat, which improve the bottle shaping rate, increase the production.
- 4). High adjusting performance to enable preheat the preforms perfectly by adjust the voltage control area in the PLC, which could adjust the temperature of the infrared lights in the pre-heater, and keep the proper temperature and humidity invariable.
- 5). High safeties with security automatic-locking device in each mechanical action, which will make the production into a perfect safe environment, in case of the breakdown in certain procedure.
- 6). Introduce the FESTO air cylinder to avoid contamination and noise.
- 7). Satisfaction with different atmospheric pressure for blowing and mechanical action by dividing the blowing and action into three parts in the air pressure diagram of the machine.
- 8). Strong clamping force with high pressure and double crank links to lock the mould.
- 9). Two ways of operating: automatic and manual.
- 10). Safe/reliable and unique design of the position of valve to make the pneumatic diagram in the machine easier to understand.
- 11). Low cost/high efficiency/easy operation and maintenance etc, profited from the fully automatic technological process.
- 12). Ideal cooling system make the finished bottles without any flaws.
- 13). Easy for you to install/test and start up.
- 14). Low rejection rate: less than 0.2 percent.

Product Name	Bottle Blowing Machine
Item Type	Bottle Blowing Machine
Place of Origin	Jiangsu, China (Mainland)
Model	KM-A4
Productivity	3200-4000PCS/H, depend on bottle design
Product type	
Body diameter	20mm-100mm
Height	50mm-350mm
Neck diameter	15mm-38mm
Mold	
Cavity	4cavities
Mold thick	240mm
Mold	500*500mm
Main machine power	
Electrical source power	380v 3Phase /220v 3Phase 50/60HZ
Rated Power	49kw
Really use power	14kw
Air source	
LP air compressor	1.6m3/min 1.0MPa 1set (15KW)
HP air compressor	1.0m3/min 3.0MPa 2sets
Air dryer	2.0m3/min 3.0MPa 1set
Cooling water	15L/min
Size	
L*W*H	1908*1858*1920mm
Weight	3600kg
preform unscrambler	
L*W*H	2000*950*2480mm
Weight	250kg
Resin available	PET
Application	
Certification	CE SGS ISO
Warranty	1 year