

Q9000 Automatic Servo 6-Cavity Bottle Blowing Machine



PM series pet stretch blow molding machine is the most stable two-step automatic stretch blow molding machine. It has various cavities and the maximum capacity of the products is 20L. It can blow bottles in shapes: Carbonated, mineral, pesticide, cosmetics, wide-mouth, hot filling, and other packing containers etc. Which is made of plastic of crystalline type, such as PET and PP etc.

Introducing the automatic servo 6-cavity blow molding machine - a revolutionary solution designed to increase production capabilities in the beverage and packaging industry. Designed with cutting-edge technology, this machine is ideal for manufacturers looking to improve the efficiency, precision and output quality of their bottle production processes.

The automatic servo 6-cavity blow molding machine features a rugged design and can produce 6 bottles simultaneously, significantly increasing output while minimizing energy consumption. With an impressive production capacity of up to 1,500 bottles per hour, this machine is ideally suited for high-demand environments, ensuring you meet your production targets without compromising quality.

The machine is equipped with advanced servo motor technology to provide unparalleled precision and control during the bottle blowing process. The servo system not only increases operating speed but also ensures consistency in bottle thickness and shape, resulting in superior product quality. The user-friendly interface allows for easy adjustments and monitoring, making it accessible to operators of all skill levels.

Safety and reliability are primary considerations in our designs. The automatic servo 6-cavity blow molding machine is made of high-quality materials and features multiple safety mechanisms to protect the machine and its operator. Additionally, its compact footprint allows easy integration into existing production lines, maximizing your workspace efficiency.

Whether you are producing PET bottles for soft drinks, water or other beverages, this machine is flexible enough to accommodate bottles of all shapes and sizes. With low maintenance requirements and durable construction, the automatic servo 6-cavity blow molding machine is an investment that will pay dividends in productivity and quality for years to come. Upgrade your production line with an automatic servo 6-cavity blow molding machine today and experience the perfect blend of innovation, efficiency and reliability.

Blowing / Blow machine Features:

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 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. Customized bottle mold design.
10. Low cost, high efficiency, easy operation, easy maintenance, etc, with automatic technological process. Easy installation and starting.
11. Contamination is avoided for the bottle body.
12. Ideal effect of the chilling with the chilling system.
13. Low rejection rate: Less than 0.2 percent.
14. Safe reliable and unique design of the position of valve to make the pneumatic diagram in the machine easier to understand.

Technical Data

Model	Q9000
Capacity(500ML)	9000BPH
Cavity	6
Suitable Bottle	PET Bottle, Plastic Bottle
Diameter of bottle	Diameter: 55-110 MM
Height Of Bottle	150-310MM
Suitable Cap	Plastic Screw Cap
Weight	4800kg
Main Motor Power	21.5kw