

PT-5000 Automatic Servo Motor Blow Moulding Machine



Automatic PET bottle blow moulding machine is suitable for blowing plastic containers and plastic bottles of any shape with pet as the main raw material. It is widely used in blowing carbonated beverage bottles, mineral water bottles, oil bottles, pesticide bottles, cosmetic bottles, etc.

FEATURES

- ✓ The automatic bottle blow moulding machine is stable and accurate running at high speed, adopt more stable and advanced microcomputer PLC control system.
- ✓ Production process is fully automated, with the advantages of low investment, high efficiency, easy operation, simple maintenance and safety.
- ✓ Servo transmission system, high positioning accuracy, fast speed, good stability and reliability.
- ✓ This pet bottle blow moulding machine is suitable for flexible production of small quantity and various bottle shape, wide range of applications, meet customer needs.
- ✓ Increase energy using efficiency, increase productivity per unit of time.
- ✓ Manual and automatic methods of operation, human-machine interface control, simple operation.
- ✓ The plastic bottle blow mould machine has servo transmission system, high positioning accuracy, fast speed stability and good reliability.
- ✓ Safety self-locking device in each mechanical action, when a certain process fails, the program will automatically switch to a safe state.
- ✓ The water bottle blow moulding machine is less than 0.2% scrap rate for finished bottle.

TECHNICAL PARAMETER

General Information	PT-5000 4 cavity
Name	Full automatic bottle blow moulding machine
Clamping Force	40T
Clamping Stroke	125mm
Max.Stretching Stroke	400mm
Bottle Moving Stroke	0-50mm
Cavity No.	4cavity
Output	4000-5000BPH
Max.Mould Thickness	300mm
Space Between Tie Bars	100mm
Mould Plate Size	670x650mm
High pressure Air compressor	4.8m ³ /min 3.0Mpa
Low pressure Air compressor	1.6m ³ /min 1.0Mpa
Voltage Standard	380V/3PH/50Hz
Heating Zone No.	4 Sections
Total Power	50KW
Bottle Volume	pet bottles 0.1-2.0L(25cl 30cl 50cl 60cl 75cl 100cl 150cl 200cl)
Neck Diameter Range	16-38mm
Max.Bottle Diameter	115mm
Bottle Height	360mm
High-pressure System	3.0-4.0Mpa
Low-pressure System	0.8-1.0Mpa
Machine Size	355x160x200cm
Auto-loader	110x120x220cm
Net Weight	3.8T