

Automatic Injection Blow Molding Machine

This automatic injection blow molding machine integrates injection and blow molding processes. It is designed for producing hollow plastic products with complex shapes and tight tolerances.



Overview

High-Efficiency Injection Blow Molding

This fully automatic injection blow molding machine is engineered for high-precision production of hollow plastic containers and technical parts. It utilizes advanced hydraulic systems and intelligent control technology to ensure consistent quality, energy efficiency, and operational reliability. Designed with modularity in mind, the system supports easy maintenance and offers flexible multi-stage processing capabilities to suit various material requirements.

Technical Features

Control System Features

- PID intelligent dynamic temperature control
- Authorization password protection
- 999 groups of technology parameter storage
- Momentary supervision of machine operation

Clamping System Design

Lowering design of hydraulic cylinders for enhanced product cleanliness and simplified mold replacement

Automation Sensors

Long-distance digital laser sensor for stripper station detection

Hydraulic System

Hydraulic Technology

PREFILL Technology, Variable Displacement Pump, Energy-Saving

Materials & Construction

Mold Construction Materials

Component	Material
Injection Mold	High class stainless steel
Blowing Mold	Magnesium-Aluminum alloy

Plasticization Compatibility

- Traditional multi-stage injection & pack holding
- Special extrusion injection & multi-stage pack holding