

Automatic PET Preform Injection Molding Machine

This automatic plastic injection molding machine is designed for PET preform production. It features a servo motor for precise control and energy efficiency.



ADDITIONAL IMAGES



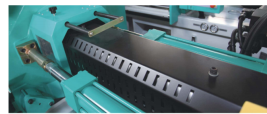
Overview

High-Performance PET Preform Injection Molding

This automatic plastic injection molding machine is specifically engineered for efficient PET preform production. Equipped with an energy-saving servo motor, it provides precise control and consistent output for complex designs with tight tolerances. The system is designed to minimize hydraulic energy consumption and cooling water usage, making it a sustainable choice for high-volume manufacturing.

Injection Unit

注射机构 INJECTION UNIT



注射系统
Injection System
进口高精度线性运动导轨
Imported High Precision Linear Motion Guides
陶瓷加热器
Ceramic Heaters

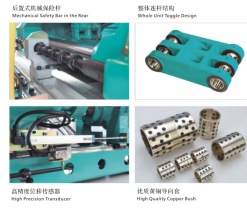
Balanced twin cylinder injection system with ceramic heaters for uniform material melting.

Injection System Features

- Balanced twin cylinder injection system
- Integrated injection lubrication system
- Imported high-precision linear motion guides
- High-efficiency ceramic heaters

Clamping Unit

锁模机构 CLAMPING UNIT



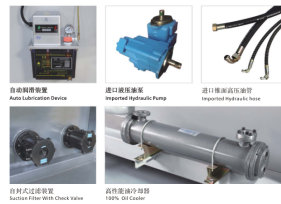
The clamping unit features a whole unit toggle design and high-precision transducers for accurate mold movement.

Clamping Mechanism

- Whole unit toggle design for robust operation
- Rear-mounted mechanical safety bar
- High-precision displacement transducer
- Premium quality copper guiding bushes

Hydraulic System

液压控制系统 HYDRAULIC SYSTEM



Reliable hydraulic system equipped with imported pumps and high-performance cooling for continuous operation.

Hydraulic System Components

- Imported hydraulic oil pump
- Imported high-pressure hydraulic hoses
- Automatic lubrication device
- Suction filter with integrated check valve
- 100% high-performance oil cooler

Electrical Control



Advanced electrical system featuring digital voltmeters for real-time pressure and flow monitoring.

Control & Monitoring

- Advanced digital control panel
- Digital voltmeters for pressure and flow voltage monitoring
- Techmation Hunter II control unit
- Precision electronic transducers

Applications

Target Applications

- PET Preforms
- Automotive parts
- Household appliances
- Toys
- General engineering plastic products

Compatible Materials

PET, PC, PMMA, Fiber Glass Reinforced Plastic

Technical Highlights

Performance Metrics

260 AF

Model Series

100 %

Oil Cooler Efficiency