

# 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



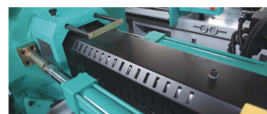
## Overview

### 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



注射润滑系统  
Injection Lubrication System

高精度线性运动导轨  
High-Precision Linear Motion Guides

陶瓷加热器  
Ceramic Heaters

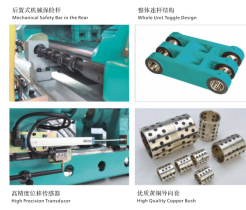
Balanced twin cylinder injection system with ceramic heaters for uniform material melting.

### 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



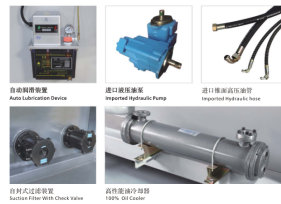
The clamping unit features a whole unit toggle design and high-precision transducers for accurate mold movement.

### 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