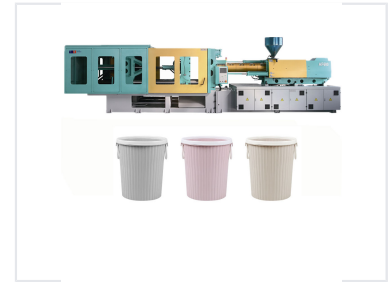


PET Preform Injection Molding Machine with Servo Motor

This automatic PET preform injection molding machine is designed for high-volume production of PET preforms. It features a servo motor for precise and energy-efficient operation.



ADDITIONAL IMAGES



Overview

High-Performance PET Preform Injection Molding

This automatic plastic injection molding machine is specifically engineered for high-volume PET preform production. Equipped with a high-precision servo motor, it delivers exceptional energy efficiency and precise control over the molding process. The machine is designed for durability and reliability, making it an ideal solution for manufacturing plastic containers and engineering plastic products.

Key Features

Core Technologies

Servo Motor Drive, Automatic Operation, Energy Saving, High Precision, PET Specialized

Injection Unit

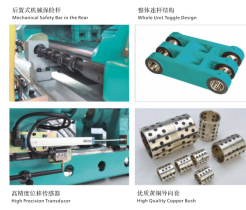


Injection System Features

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

Clamping Unit

锁模机构 CLAMPING UNIT

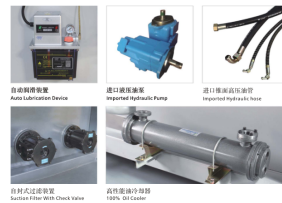


Clamping Components

- Rear-mounted mechanical safety bar
- Whole unit toggle design for optimized force
- High-precision displacement transducer
- High-quality copper bushings for smooth motion

Hydraulic System

液压控制系统 HYDRAULIC SYSTEM



Hydraulic System Specs

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

Electrical Control



Control System

- Digital voltmeters for pressure and flow monitoring
- Advanced inverter control
- Integrated electrical control panel
- Real-time process monitoring

Material Compatibility

Compatible Materials

PET • PC • PMMA • Fiber Glass Reinforced Plastic

Operational Efficiency

Efficiency Metrics

100 %

Oil Cooler Rating