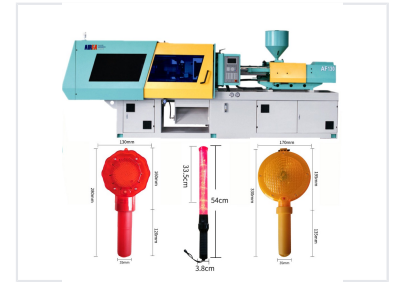


Automatic Plastic Injection Molding Machine

This automatic plastic injection molding machine is designed for high-efficiency production. It features a fixed-pump hydraulic system, ensuring stable and reliable operation for consistent and accurate molding.



ADDITIONAL IMAGES



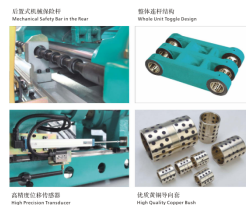
Overview

High-Efficiency Automatic Injection Molding

This AF series injection molding machine utilizes double linear motion guides and a servo-controlled energy-saving system to deliver precise manufacturing for a wide range of plastic products. Designed for high-speed and stable performance, it features a robust clamping unit and a balanced twin-cylinder injection system to ensure consistent quality. The machine is engineered for industrial durability, offering significant energy savings of 30-80% compared to traditional fixed-pump systems.

Clamping Unit

锁模机构 CLAMPING UNIT

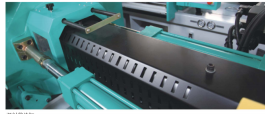


Clamping System Highlights

- Optimized platen design with high rigidity
- Euromap-based layout with T-slots and tap holes
- Hydraulic driven gear-type mold height adjustment
- Rear-mounted mechanical safety interlock
- High-precision displacement transducer
- High-quality copper guiding bushes

Injection Unit

注射机构 INJECTION UNIT



平衡双缸
Balanced Twin Cylinder Injection System



注射专用润滑
Injection Lubrication System



进口高精度直线导轨
Imported High Precision Linear Motion Guide



陶瓷加热器
Ceramic Heater

Injection Performance

- Balanced twin-cylinder injection system
- Imported high-precision linear motion guides
- Ceramic heater bands for efficient thermal control
- Dedicated injection lubrication system
- Specialized screw barrel designs for various applications

Hydraulic System

液压控制系统 HYDRAULIC SYSTEM



自动润滑装置
Auto Lubrication Device



进口液压泵
Imported Hydraulic Pump



进口高压液压管
Imported Hydraulic hose



自封式过滤器
Suction Filter With Check Valve



高性能油冷却器
100% Oil Cooler

Hydraulic Configuration

- Double proportional compound valve control
- Imported high-performance hydraulic pump
- High-pressure imported hydraulic hoses
- Suction filter with integrated check valve
- High-performance 100% oil cooler
- Low-pressure mold protection system

Electrical & Control

ELECTRICAL UNITS



Control System Specs

8.4 inch

Display Size

300 MHz

HMI Processor Speed

32 pts

I/O Points

120 sets

Stored Parameters

Interface & Connectivity

USB 2.0, Ethernet 100-Base T, Multi-language Support, Curve Display Tracking, Dynamic Warning System

Performance Metrics

Energy Saving Potential	80 %
Shot Repeatability Precision	< 0.3%
Servo Response Time (0 to Max)	0.5 sec