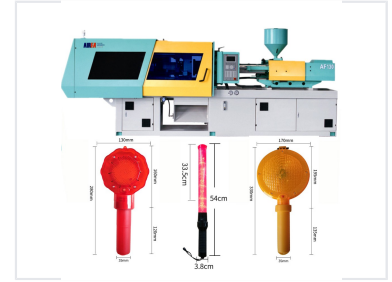


# Automatic Plastic Injection Molding Machine

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

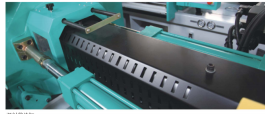


### Clamping System Highlights

- 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



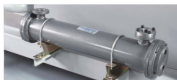
进口液压泵  
Imported Hydraulic Pump



进口高压液压油  
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