

# Injection Molding Machine

This injection molding machine is designed for precision plastic part manufacturing. It offers efficient material feeding, precise temperature control, and consistent molding cycles to ensure high-quality output.



## ADDITIONAL IMAGES



## Overview

### AF Series Injection Molding Machine

The AF Series is a high-performance injection molding machine engineered for precision plastic part manufacturing. It utilizes advanced linear motion guides and a servo-controlled energy-saving system to deliver reliable, high-speed production. Designed with a robust clamping unit and a sophisticated electrical control system, this machine provides optimal solutions for complex injection molding applications.

## Performance Metrics

### Energy Savings

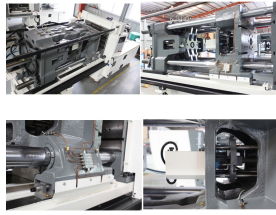
<b>30 %</b> Min Energy Savings	<b>80 %</b> Max Energy Savings
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### Repeatability Precision

0.3 %

## Clamping Unit

CLAMPING UNIT  
锁模单元



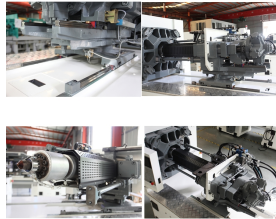
The clamping unit ensures precise mold alignment and closure, designed for high-cycle durability.

### Key Features

- Optimized Platen Design with high rigidity
- Euromap-based Platen Layout with T-slot & tap holes
- Hydraulic driven gear-type mold height adjustment
- Enhanced linkage structure for front connecting rod

## Injection Unit

INJECTION UNIT  
注射单元



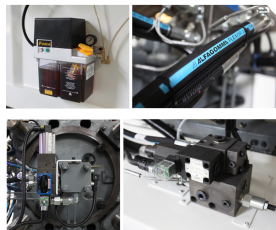
The injection unit features advanced control for accurate material metering and speed.

### Injection Capabilities

- High-quality Linear Motion Guide
- High-speed & Pressure injection structure
- Twin nozzle cylinder for stable structure
- Specialized screw barrel design

## Hydraulic System

HYDRAULIC UNIT  
液压单元



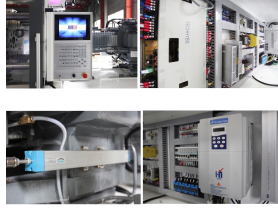
The hydraulic system utilizes high-performance valves for sensitive and stable pressure control.

### System Components

Double proportional compound valve, Servo hydraulic system, Low pressure mold protect system, Independent lubrication system

## Electrical System

### ELECTRICAL UNIT 电器单元



Centralized electrical control panel for precise machine operation and parameter monitoring.

### Control System Specifications

Feature	Specification
Display	8.4 inch, 800x600 resolution
Processor	RISC 140MHz
Connectivity	USB 2.0, Ethernet 100-base T
Transducer Resolution	1/65535