

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

30 %

Min Energy Savings

80 %

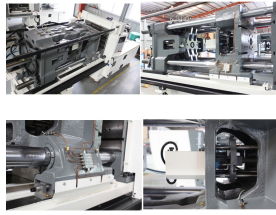
Max Energy Savings

Repeatability Precision

0.3 %

Clamping Unit

CLAMPING UNIT
锁模单元



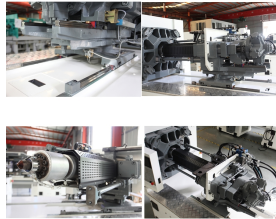
The clamping unit ensures precise mold alignment and closure, designed for high-cycle durability.

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



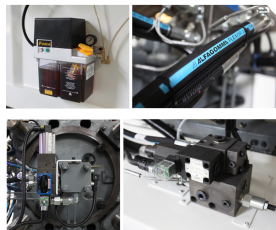
The injection unit features advanced control for accurate material metering and speed.

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



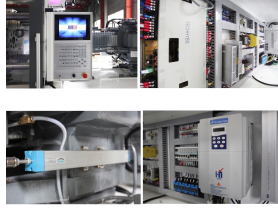
The hydraulic system utilizes high-performance valves for sensitive and stable pressure control.

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