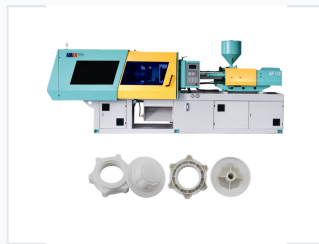


Plastic Injection Molding Machine

This injection molding machine is designed for precision plastic part manufacturing. It features a robust clamping unit, advanced injection system and user-friendly control interface.



ADDITIONAL IMAGES



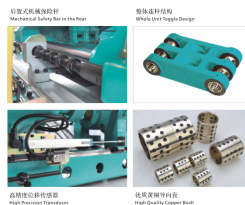
Overview

High-Performance Injection Molding

This high-performance injection molding machine is engineered for precision plastic part manufacturing across a variety of industrial applications. It features a robust clamping unit, advanced hydraulic systems, and a user-friendly control interface designed for consistent quality and minimal cycle times. Optimized for efficiency, the machine supports a wide range of thermoplastic materials, including general and engineering-grade plastics like PC, PMMA, and fiber-reinforced composites.

Clamping Unit

锁模机构 CLAMPING UNIT



The clamping unit features a robust toggle design, high-precision position sensing, and integrated safety bars.

Clamping System Features

Mechanical Safety Bar, Whole Unit Toggle Design, High-Precision Transducer, Copper Bushings

Hydraulic System

液压控制系统 HYDRAULIC SYSTEM



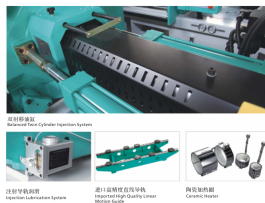
The hydraulic system is equipped with high-quality components for consistent pressure and temperature regulation.

Hydraulic System Components

- Auto lubrication device
- Imported hydraulic pump
- Imported high-pressure hydraulic hoses
- Suction filter with check valve
- High-performance oil cooler

Injection Unit

注射机构 INJECTION UNIT



Precision injection unit components ensure accurate material delivery and smooth operation.

Injection Technology

Balanced Twin Cylinder System, Injection Lubrication System, Linear Motion Guides, Ceramic Heaters

Electrical System

电气控制系统 ELECTRICAL SYSTEM



Advanced electrical control system with digital monitoring for pressure and flow.

Control System

Digital Voltmeter • Pressure Monitoring • Flow Monitoring • Precision Circuitry

Performance Metrics

Efficiency Highlights

100 %

Oil Cooler Efficiency