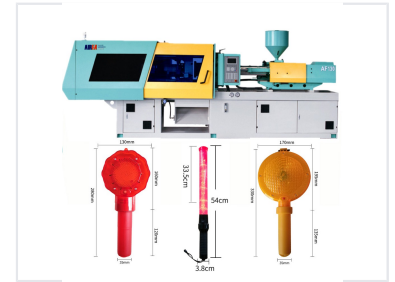


Horizontal Plastic Injection Molding Machine

This horizontal injection molding machine is designed for producing plastic parts with precision. It features a fixed-pump hydraulic system for consistent injection and reliable operation.



ADDITIONAL IMAGES



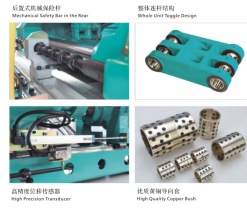
Overview

High-Precision Horizontal Injection Molding Machine

The AF series injection molding machine is designed for high-speed, reliable production using double linear motion guides and an energy-saving servo control system. It features a robust clamping unit with an optimized platen design and a twin-nozzle injection structure for stable performance. This machine is ideal for professional buyers seeking a precise, efficient solution for manufacturing a wide range of plastic products with reduced noise and lower power consumption.

Clamping Unit

锁模机构 CLAMPING UNIT



Clamping System Features

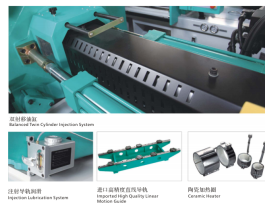
- Optimized Platen Design with high rigidity
- Enlarged space between tie bars
- Euromap-based Platen Layout (T-slot & tap holes)
- Longer ejection stroke and bigger space
- Hydraulic driven gear-type mold height adjustment
- Mechanical safety interlock relocation for easier operation
- Linkage structure for front connecting rod

Clamping Components

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

Injection Unit

注射机构 INJECTION UNIT

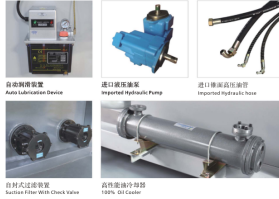


Injection System Features

- High Quality Linear Motion Guides
- High Speed & Pressure injection structure
- Twin nozzle cylinder for even stability
- Specialized screw barrel designs available
- Balanced Twin Cylinder Injection System
- Ceramic Heaters

Hydraulic System

液压控制系统 HYDRAULIC SYSTEM



自动润滑装置
Auto Lubrication Device

进口高压泵
Imported Hydraulic Pump

进口高压软管
Imported Hydraulic Hose

密封式过滤器
Sealed Filter with Check Valve

进口油冷却器
100% Oil Cooler

Hydraulic Performance

- Double proportional compound valve control
- Imported high-quality low-noise pump
- Low pressure mold protection system
- Independent grease & lubrication oil system
- Suction filter with check valve
- High-performance oil cooler

Electrical System

ELECTRICAL UNITS



Control Hardware

8.4 inch
Display Size

300 MHz
HMI CPU Speed

32 pts
I/O Points

Connectivity & Storage

USB 2.0, Ethernet 100-base T, 120 Parameter Storage, Curve Display Monitoring

Servo Controller

Servo System Benefits

Feature	Performance Detail
Repeatability Precision	<0.3% error for shot measurement
Response Time	0.5 seconds (0 to max)
Energy Saving	30-80% reduction vs traditional pumps
Efficiency	10% higher overall efficiency
Noise Level	1/10 lower noise compared to traditional fixed/variable pump systems