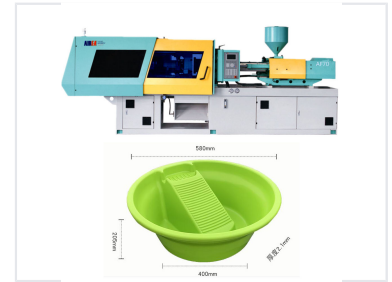


Compact Injection Molding Machine

This compact injection molding machine is designed for producing small plastic parts. It features a user-friendly control panel and precise temperature control.



ADDITIONAL IMAGES



Overview

Compact Injection Molding Solution

This horizontal injection molding machine is engineered for precision and efficiency in small-scale plastic and rubber component manufacturing. Its compact footprint makes it an ideal choice for prototyping, educational environments, and small-to-medium production runs. Featuring advanced hydraulic and electrical control systems, it ensures consistent performance, reliable mold clamping, and precise material delivery for a variety of engineering plastic applications.

Injection System

注射机构 INJECTION UNIT



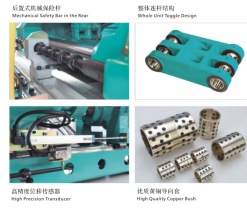
The injection unit utilizes a balanced twin cylinder system and ceramic heaters to ensure consistent, high-quality material processing.

Key Injection Features

- Balanced twin cylinder injection system for consistent material delivery
- Integrated injection lubrication system for guide rail longevity
- Imported high-precision linear motion guides
- Ceramic heaters for uniform and efficient material heating

Clamping Unit

锁模机构 CLAMPING UNIT



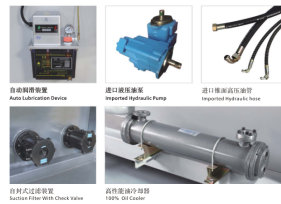
The clamping unit features a robust toggle design, high-precision transducers, and copper bushes for reliable mold handling.

Clamping Unit Specifications

- Whole unit toggle design for efficient operation
- Mechanical safety bar in the rear
- High-precision transducer for accurate positioning
- High-quality copper bushes for smooth performance

Hydraulic System

液压控制系统 HYDRAULIC SYSTEM



High-performance hydraulic components are integrated to maintain optimal temperature and lubrication during operation.

Hydraulic System Components

Auto lubrication device, Imported hydraulic pump, Imported hydraulic hose, Suction filter with check valve, Oil cooler

Electrical System

电气控制部分 ELECTRICAL SYSTEM



The electrical control system provides precise monitoring of pressure and flow voltages for accurate process control.

Control System

- Digital voltmeter displays for pressure and flow voltage
- Advanced drive module for process monitoring
- Precise parameter adjustment interface

Applications

Compatible Materials

PC • PMMA • Fiber Glass Reinforced Plastic • General Plastics • Rubber