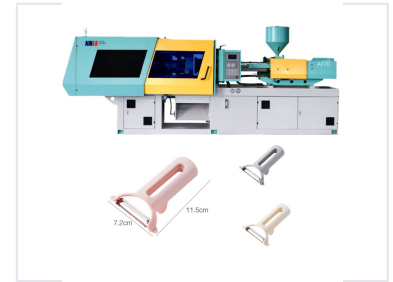
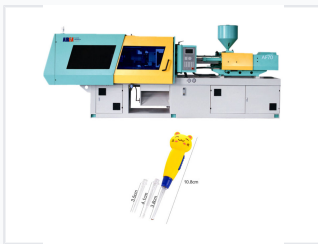


PET Injection Molding Machine

This high-performance injection molding machine is designed specifically for PET materials. It features advanced control systems and a robust clamping unit for consistent, high-quality PET product production.



ADDITIONAL IMAGES



Overview

High-Performance Injection Molding

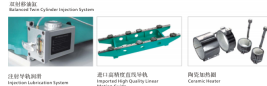
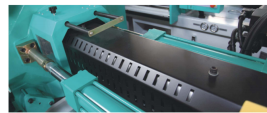
This high-performance injection molding machine is engineered for the precise production of PET materials and various engineering plastics like PC and PMMA. It features a robust clamping unit and an advanced injection system designed to ensure consistent quality and dimensional accuracy. With energy-saving hydraulic technology and user-friendly digital controls, this equipment optimizes production cycles while minimizing waste and cooling water consumption.

Compatible Materials

PET, PC, PMMA, Fiber Glass Reinforced Plastic

Injection System

注射机构 INJECTION UNIT



The balanced twin-cylinder injection unit utilizes high-precision linear guides and ceramic heaters for consistent material processing.

Key Features

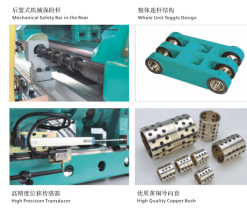
- Integrated injection lubrication system
- High-precision linear motion guides
- Ceramic heating elements for controlled thermal processing

Injection Design

Balanced twin-cylinder injection system

Clamping Unit

锁模机构 CLAMPING UNIT



The clamping unit features a robust toggle design, high-precision transducers, and copper bushings for operational longevity and safety.

Key Components

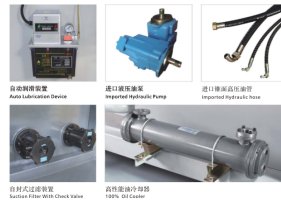
- Rear-mounted mechanical safety bar
- High-precision position transducer
- High-quality copper bushings

Clamping Mechanism

Whole unit toggle design

Hydraulic System

液压控制系统 HYDRAULIC SYSTEM



The hydraulic system is equipped with high-quality imported components, including an efficient oil cooler and auto-lubrication for reliability.

Hydraulic Components

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

Energy Efficiency

Yes

Electrical Control



An intuitive electrical control system with digital monitoring for precise pressure and flow management.

System Features

- Digital voltmeter integration
- Robust environmental enclosure
- Advanced power management

Control Interface

Digital display with real-time pressure and flow voltage monitoring