

High-Performance Plastic Injection Molding Machine

This injection molding machine is designed for high-performance plastic processing. It features a robust clamping unit with a large platen area and precise mold alignment.



Overview

High-Performance Injection Molding Solution

This two-plate injection molding machine is engineered for large-scale production, accommodating significant mold thicknesses and large product dimensions. It is specifically optimized for applications requiring low pressure and decompression injection molding, making it ideal for manufacturing automotive parts, logistics containers, and large pallets. The system utilizes advanced clamping and injection technologies to ensure high precision, stability, and operational efficiency.

Key Features

Operational Capabilities

- Tie bar guided platen for stable movement
- Large mold thickness and tie bar distance
- Four pressure cylinder clamping for uniform force
- Injection unit support with linear bearing rail
- High-speed linear movement capability

Suitable Applications

Household Products, Household Appliances, Automobile Parts, Logistics Containers, Large Pallets

Technical Specifications

Clamping System Details

- Four-set individual clamping mechanism
- Automatic precise coupling positioning
- Intensify system for high-pressure clamping
- Two-plate design configuration

Injection Unit Performance

0 Low

Friction Coefficient

1 High

Positioning Accuracy