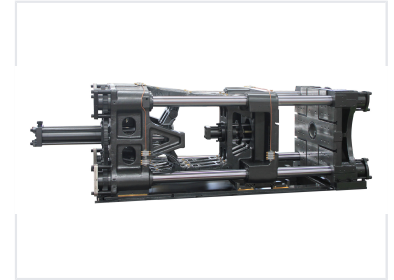
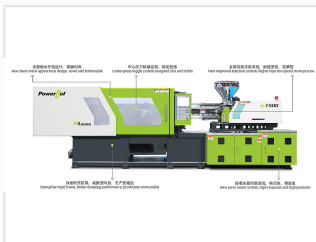


Hydraulic Injection Molding Machine

This hydraulic injection molding machine offers faster injection and plasticizing speeds, leading to more stable and efficient operation. It is suitable for producing food and beverage packaging, home appliances, and automotive parts.



ADDITIONAL IMAGES



Overview

High-Precision Injection Molding Performance

This series of hydraulic injection molding machines is engineered for superior stability, speed, and efficiency in plastic manufacturing. Featuring a center-press toggle system and a strengthened rigid frame, the machine provides excellent damping performance for consistent, high-quality production. Advanced servo motor technology ensures high response times and precision, while energy-saving designs help significantly reduce operational costs.

Technical Specifications

System details



Clamping System

-Improve stability in molding

-Minimize platen's damage

Injection System

High rigidity integral linear guide low friction, improve the accuracy of injection.

Long lifespan double carriage movement cylinders.

-Higher speed and stable platen's movement



The clamping system is designed to improve stability and minimize platen damage, while the injection system utilizes high-rigidity integral linear guides for enhanced accuracy.

Hydraulic System



-New servo system applications ensures machine power to increase more than 10%;

-Reasonable and orderly piping layout, significantly reducing loss in oil channel;

-Oil circuit consists of standard components, improving the reliability of hydraulic system.

The hydraulic system features a high-efficiency servo application and an optimized piping layout to reduce oil channel loss and improve reliability.

Controlling System



-More reasonable electric circuit layout, improving anti-interference ability and stability;

-More powerful software, high scalability;

-Optimized control system, energy saving and high response

The optimized control system offers high scalability, energy-saving capabilities, and improved anti-interference stability.

Clamping Force Range	900 - 10000 KN
Driving System	Hydraulic
Motor Type	Servo
Clamping Force	2880 KN
Opening Stroke	550 mm
Max Daylight	1160 mm
Platen Size	850 x 850 mm

Features

Key Features

Servo Motor System • Center-Press Toggle • High-Rigidity Frame • Energy Efficient • Linear Guide Injection

Applications

Applicable to many fields of food and beverage packaging, daily necessities, household appliances, electronic communications, toys etc..



Versatile applications ranging from food packaging and household appliances to automotive components.

Suitable Industries

Food & Beverage Packaging, Daily Necessities, Home Appliances, Electrical Components, Automotive Parts