

Full Electric Injection Molding Machine

This full electric injection molding machine is designed for precision, high-speed, energy-saving, and environmental protection. It is widely used in electronics, communication, optics, medical treatment, food, and consumable goods industries.



Product Overview

High-Performance Electric Injection Molding

This full electric injection molding machine is engineered for high-precision manufacturing, combining advanced mechanical design with sophisticated servo control. It delivers exceptional speed, energy efficiency, and environmental performance, making it an ideal solution for industries such as electronics, communication, optics, medical, and consumer goods. With core components like high-load ball screws and high-performance servo systems, it provides a stable and reliable foundation for complex molding requirements.

Key Features

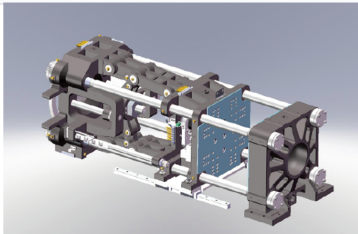
Core Advantages

Full Electric Drive • High Precision • Energy Efficient • High-Speed Operation

Suitable Industries

Electronics, Communication, Optics, Medical, Consumer Goods

Technical Specifications



1.High precision, high rigid mold-clamping mechanism can be prevented the burr.
2.The mode clamping mechanism with high speed, low noise can be played a higher efficiency.
3.Evenly pressured of the mode when the mold-clamping is performed, so that the molding accuracy is enhanced.
4.Wide module can be held a bigger mold.

The machine features a robust frame and linear guides for smooth, accurate movement.



High performance servo motor and servo drive.



GSK series heavy loading, high precision ball screw.

High-precision ball screws and servo drive systems ensure reliable and accurate mold movement.

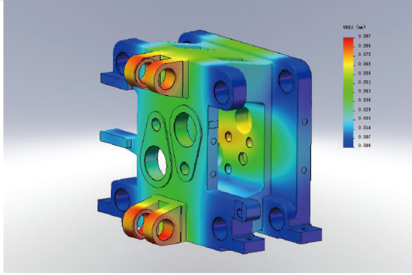
Core Components

- High-performance servo motor
- Advanced servo drive system
- Heavy-loading high-precision ball screw
- Integrated control system

Clamping Mechanism

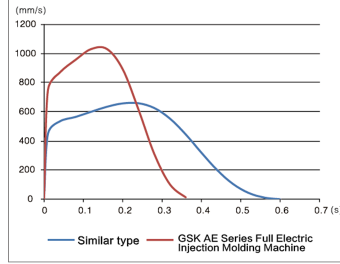
Five-point toggle mold-clamping unit with high strength and high-speed closing characteristics

Performance Metrics



Light quantization & high rigid module are the strength guarantee for the accurately forming.

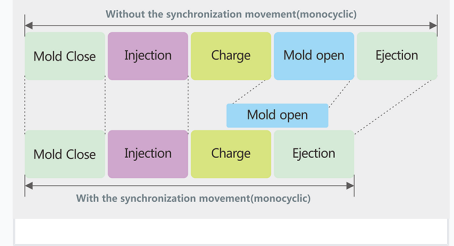
Structural optimization analysis ensures high rigidity and minimal displacement under load.



High speed and smooth mold-clamping mechanism can be enhanced the efficiency of the machine.

Performance data demonstrates superior injection speeds and shorter cycle times compared to standard models.

Shorten the high speed & high precision synchronism motion of the molding cycle.



Synchronized movement capabilities optimize the operational sequence for enhanced efficiency.

Efficiency Features

Feature	Benefit
Synchronized Movement	Optimized cycle timing for mold closing, injection, and ejection
Servo Control	Reduced energy consumption and faster cycle times
Structural Design	High rigidity for minimal displacement and consistent part quality