

Plastic Injection Moulding Machine

This injection moulding machine is designed for efficient and precise plastic part production. It features a robust clamping unit, advanced hydraulic system, and user-friendly control interface.



Overview

Advanced Injection Moulding Technology

This high-performance plastic injection moulding machine features a 5-point twin toggle clamping system optimized for rapid, stable operation. It incorporates an advanced variable displacement oil pump that matches hydraulic output to system requirements, delivering significant energy savings of 25-60% compared to traditional fixed pump models. With a precision-controlled injection unit and high-quality electrical components, this machine is engineered for consistent quality and reliable performance in demanding manufacturing environments.

Clamping Unit

Clamping System	5-point twin toggle
Mould Height Adjustment	Hydraulic driven gear system
Key Features	Modular optimization, Rapid adjustment, Stable operation

Injection Unit

Injection Technology	Balanced double injection cylinder
Hydraulic Motor	Five-star with big torque

Control Unit

System Capabilities

- Imported computer control
- Precise control processing
- World-famous electrical components
- Reliable circuit hardware

Energy Efficiency

Performance Metrics

25 %

Energy Savings (Min)

60 %

Energy Savings (Max)

Benefits

Energy saving • Low noise • Sensitive response • Longer service life

Pump Type	Variable displacement oil pump
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