

Injection Molding Machine

Injection molding machines offer diversified applications in the standard sector and meet international quality standards. These machines provide high performance with various clamping forces, creating critical competitive advantages.



Overview



A versatile range of injection molding machines designed for international standards.

High-Performance Injection Molding

This series of injection molding machines is engineered to cover all standard sector applications while meeting international quality standards. Designed for high performance and cost-efficiency, these machines provide critical competitive advantages through advanced hydraulic systems and precise control technology. The robust construction and optimized kinematics ensure consistent, high-quality production across a wide range of thermoplastic materials.

Performance Metrics

Clamping Force Range

600 kN

Minimum Force

125000 kN

Maximum Force

Control System



The high-performance control system provides intuitive communication between the operator and the machine.

PLC Control Features

- Latest control technology integration
- High-performance communication interface
- User-oriented logical structure
- Clear function visualization

Injection Unit



Optimized injection unit providing higher precision and stability.

Injection Unit Specifications

- Optimized PET injection unit
- Dual drive cylinders for movement
- Dual injection cylinders for screw action
- Three selectable screw sizes

Clamping System



Robust frame construction designed for minimal deflection and enhanced molding accuracy.

Optimized kinematics allow for high sensitivity in opening and closing processes.

Clamping System Technology

5-Point Toggle, Fast Mold Closing, Automatic Height Adjustment, Hydraulic Motor Driven

Hydraulic System



Energy-saving hydraulics fitted with sound-reduced components for uniform and precise movements.

Hydraulic System Highlights

- Energy-saving design
- Sound-reduced operation
- High-quality component construction
- Precise movement control