

390-Ton High-Speed Injection Molding Machine

This high-speed injection molding machine is specialized for producing PP thin-wall products. It is widely used in the packaging industry.



ADDITIONAL IMAGES



Overview

High-Speed Injection Molding Solution

The GEK series high-speed injection molding machine is specifically engineered for the production of PP thin-wall products. It is widely utilized across the packaging industry, offering a robust 390-ton clamping force to ensure secure mold closure and precision. This machine prioritizes stability, durability, and optimized cycle times for high-volume plastic molding applications.

Key Performance Metrics

Performance Highlights

3900 kN

Clamping Force

666 g/s

Injection Rate

166 MPa

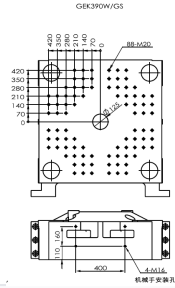
Injection Pressure

Injection Unit

Injection Specifications

Parameter	Value
Screw Diameter	52 mm
Theoretical Shot Volume	551 cm ³
Injection Weight (PP)	397 g
Plasticizing Capacity (PP)	42 g/s

Clamping & Mold



Detailed technical drawing showing platen dimensions and mounting hole patterns for mechanical hands.

Mold & Clamping Details

Feature	Specification
Mold Stroke	660 mm
Space Between Tie Bars	660 x 660 mm
Max. Mold Thickness	700 mm
Min. Mold Thickness	250 mm
Ejector Stroke	110 mm
Ejector Force	80 kN
Number of Ejectors	13 pcs

Power & Dimensions

Power and Physical Data

Property	Value
Max. Pump Pressure	16 MPa
Pump Motor Power	40+40 kW
Heater Power	29.5 kW
Machine Dimensions	7.5 x 1.9 x 2.5 m
Machine Weight	15 t

Applications

Target Applications	PP Thin-wall Products, Packaging Industry, High-Volume Production, Precision Molding
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Technical Features

Standard Features

- High-speed injection unit for optimized cycle times
- Advanced control system for precise monitoring
- Robust clamping unit for secure operation
- User-friendly operator interface
- Mechanical hand installation holes (M20/M16)