

Plastic Injection Molding Machine

This plastic injection molding machine offers international-standard injection and molding capacity. It features robust mold locking force and is engineered for efficient and precise plastic part production.



ADDITIONAL IMAGES



Overview

GEK 100-1000 Series Performance

The GEK 100-1000 Series Plastic Injection Molding Machine is engineered for high-performance plastic processing with uniform plasticization capabilities. It features a robust double toggle mold closing system designed for high force magnification and precision. Equipped with advanced hydraulic circuits and multi-step injection controls, this machine ensures consistent part quality and reliable operation across diverse industrial applications.

Technical Specifications

Injection System Features

- High length-to-diameter ratio screw
- Multi-step injection speed adjustment
- Multi-step injection pressure adjustment
- Back pressure control of molten plastic

Clamping System Features

- Double toggle mold closing system
- High force magnification ratio
- High stroke ratio
- High-speed mold closing
- Low-pressure mold protection

Hydraulic & Control Systems

Component Standards

World-renowned computer elements • World-renowned electric elements • World-renowned hydraulic elements

Hydraulic System Highlights

Double proportional circuit, Load sensitive, Hydraulic ejectors, Hydraulic knockout core device, Rotary mold-parting device

Safety & Compliance

Safety Mechanisms

- Triple interlock of mechanic devices
- Triple interlock of electric devices
- Triple interlock of hydraulic devices