

338-Ton High-Speed Injection Molding Machine

This high-speed injection molding machine is designed for PP thin-wall products. It is widely used in the packaging industry for efficient plastic part production.



ADDITIONAL IMAGES



Product Overview

High-Performance Thin-Wall Injection Solution

The GEK series high-speed injection molding machine is specifically engineered for the production of PP thin-wall products, making it an ideal choice for the demanding packaging industry. With a robust 338-ton clamping force and advanced screw design, it ensures precise plasticizing and high-volume output. This machine combines rapid cycle times with tight tolerances to deliver reliable performance in professional manufacturing environments.

Key Performance Metrics

MACHINE MODEL		GEK338W-GS
Screw diameter	mm	52
Theoretical shot volume	cm ³	551
Injection weight(PP)	g	397
Injection pressure	MPa	166
Plasticizing capacity(PP)	g/s	42
Injection rate	g/s	600
Clamping force	kN	3380
Mold stroke	mm	540
Space between tie bars	mm-mm	625×615
Max. Mold thickness	mm	620
Min. Mold thickness	mm	250
Ejector stroke	mm	110
Ejector force	kN	62
No. of ejector	pc	9
MAX. pump pressure	MPa	16
Pump motor power	kW	40~51
Heater power	kW	39.5
Out size of the machine	m	7.0×1.8×2.3
Weight of the machine	t	12.7

Comprehensive technical data sheet covering injection, clamping, and power specifications.

Key Performance Metrics

3380 kN

Clamping Force

600 g/s

Injection Rate

397 g

Injection Weight (PP)

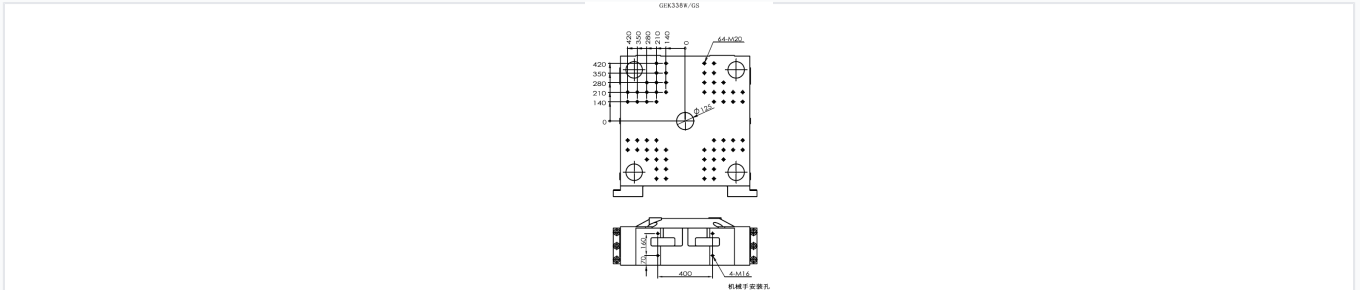
166 MPa

Injection Pressure

Injection Unit

Screw Diameter	52 mm
Theoretical Shot Volume	551 cm ³
Plasticizing Capacity (PP)	42 g/s

Clamping Unit



Detailed technical schematic showing platen dimensions, mounting hole patterns (64-M20), and robot installation points.

Mold Stroke	540 mm
Space Between Tie Bars	625 × 615 mm
Mold Thickness (Max/Min)	620 mm / 250 mm

Ejector System

Ejector Specifications

Parameter	Value
Ejector Stroke	110 mm
Ejector Force	62 kN
Number of Ejectors	9 pcs

Power & Dimensions

Pump Motor Power	40 + 31 kW
Heater Power	29.5 kW
Outer Dimensions (L×W×H)	7.0 × 1.8 × 2.3 m
Machine Weight	12.7 t

Applications

Target Industry

Packaging • Thin-Wall Products

Suitable Materials	PP, Thermoplastics
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