

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)

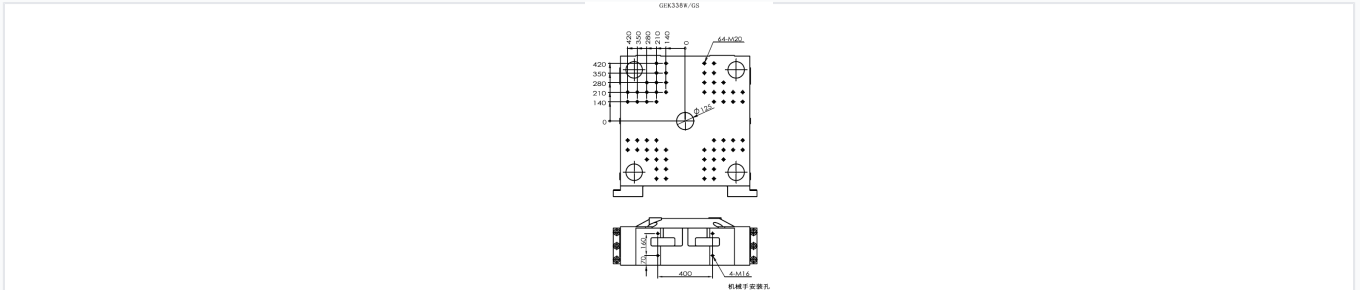
166 MPa

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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