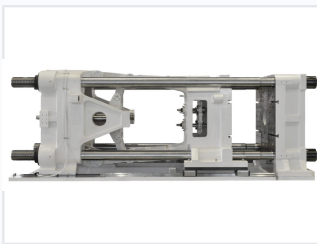


All-Electric Plastic Injection Molding Machine

This all-electric plastic injection molding machine features a rigid toggle structure and a high-efficiency lubrication system. The servo motor connects to a ball screw for flexible operation and simplified maintenance.



ADDITIONAL IMAGES



Overview

High-Precision All-Electric Injection Molding

This all-electric plastic injection molding machine is designed for high-performance applications requiring extreme precision and energy efficiency. It features a high-rigidity toggle structure with a 5-pin self-locking mechanism and a zero-resistance clamping guider system supported by linear tracks. With advanced Japanese-origin servo motor technology and high-torque ball screws, it ensures fast response times, smooth mold movement, and consistent part quality for professional manufacturing environments.

Key Performance Metrics

Featured Capabilities

3000 kN

Clamp Tonnage

600 mm

Open Stroke

13.5 T

Machine Weight

10 Years

Belt Warranty

Clamping Unit

Clamping Specifications

Parameter	Value
Space Between Tie-Bars (HxV)	730 x 680 mm
Platen Dimension (HxV)	1020 x 960 mm
Mould Thickness Range	250 - 750 mm
Ejector Stroke	180 mm
Ejector Force	49 kN
Number of Ejectors	13

Injection Unit

Injection Unit Options

Screw Diameter	Injection Capacity	Injection Pressure	Injection Speed (Standard)
45 mm	334 cm ³	247 Mpa	200 mm/s
55 mm	499 - 641 cm ³	165 - 214 Mpa	160 mm/s
65 mm	896 cm ³	153 Mpa	160 mm/s

Technical Features



Overview of the high-rigidity toggle structure, lubrication system, and servo motor drive components.

Mechanical Features

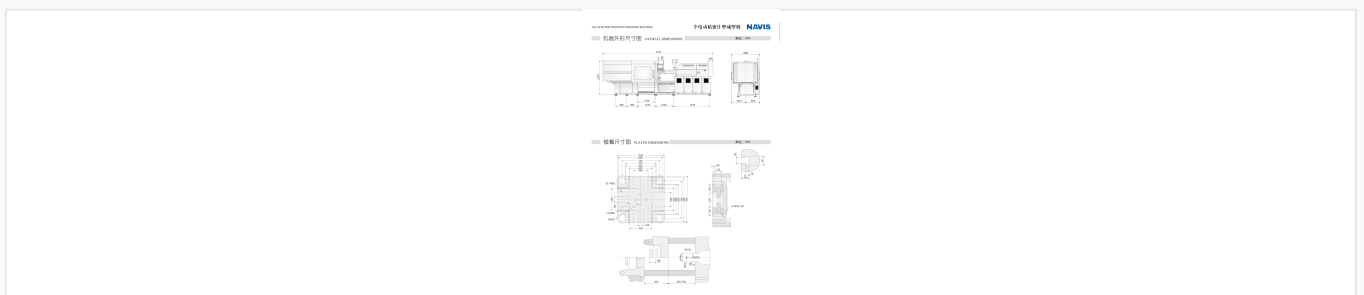
- Zero-resistance clamping injection guider structure
- High-efficiency lubrication system with graphite alloy steel sleeves
- T-slot and screw fixation platen with embedded locating ring
- High-torque servo motor with Japanese technology
- Direct-drive injection unit with closed-loop control
- Compact and robust machine bed design

Control System

Control Capabilities

User-Friendly HMI, Real-time Curve Display, Production Management, Process Control, Safety Relay Integration

Dimensions



Detailed engineering drawing showing the overall machine footprint and platen mounting hole specifications.

Overall Length

7416 mm

Overall Height

2159 mm