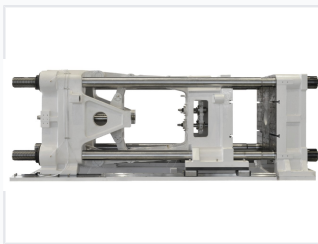


# All-Electric Plastic Injection Molding Machine

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 <sup>3</sup>	247 Mpa	200 mm/s
55 mm	499 - 641 cm <sup>3</sup>	165 - 214 Mpa	160 mm/s
65 mm	896 cm <sup>3</sup>	153 Mpa	160 mm/s

## Technical Features



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

### Mechanical Features

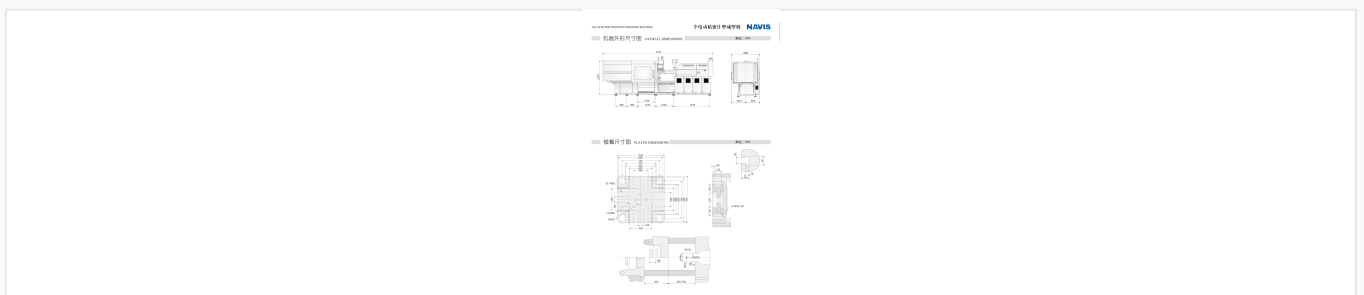
- Zero-resistance clamping injection guider structure
- High-efficiency lubrication system with graphite alloy steel sleeves
- T-slot and screw fixation platen with embedded locating ring
- High-torque servo motor with Japanese technology
- Direct-drive injection unit with closed-loop control
- Compact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