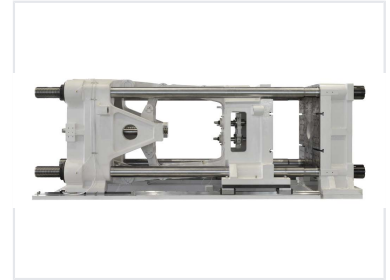
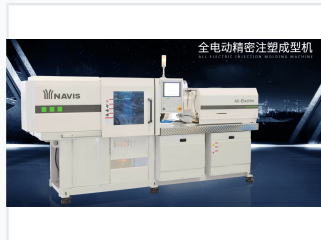


All-Electric Plastic Injection Molding Machine

This all-electric plastic injection molding machine offers high precision and energy efficiency. It features an advanced control system for optimized performance and real-time monitoring.



ADDITIONAL IMAGES



Overview

High-Precision All-Electric Injection Molding

The SE-300A is a cutting-edge all-electric injection molding machine designed for high-performance precision plastic molding. It features an advanced servo-driven system that minimizes energy consumption and cycle times while ensuring consistent quality for complex parts with tight tolerances. This machine is ideal for cleanroom environments due to its low-noise, lubrication-free moving platen design and high-efficiency operation.

Key Performance Metrics

Performance Highlights

300 kN

Clamp Tonnage

450 mm/s

Max Injection Speed

400 rpm

Screw Speed

2.1 T

Machine Weight

Clamping Unit

Clamping Specifications

Feature	Specification
Structure	High-rigid 5-pin toggle with self-lock
Space Between Tie-Bars	310 x 290 mm
Platen Dimension	450 x 430 mm
Open Stroke	230 mm
Mould Thickness Range	120 - 350 mm
Ejector Stroke	60 mm
Ejector Force	19.6 kN

Injection Unit

Injection Capabilities

- Screw Diameters: 16mm to 28mm available
- Injection Capacity: 15 to 65 cm³
- Injection Weight (PS): 14g to 59g
- Max Injection Pressure: Up to 383 MPa
- Plasticizing Capacity: Up to 35 kg/h
- Heater Power: 3.6 - 4.184 kW
- Nozzle Pressing Force: 15.7 kN

Advanced Features



Detailed view of the zero-resistance clamping structure, high-rigidity toggle system, and professional controller interface.

Technical Advantages

Zero-Resistance Clamping, Linear Track Support, Graphite Alloy Steel Sleeves, Japanese Servo Technology, T-Slot Platen, 10-Year Belt Warranty, Safety Relay Protection, Real-time Curve Display

Dimensions



Dimensional schematics for the SE-300A, including platen hole patterns and overall machine footprint.

Physical Dimensions

Dimension	Value
Overall Length	3960 mm
Overall Height	1536 mm
Machine Bed	Compact and robust high-precision design

Control System

Professional Process Control

Equipped with a professional controller featuring a user-friendly human-computer interface for rapid and accurate process control. The system supports comprehensive curve displays and inspection for modern production management. Maintenance is simplified through a high-efficiency lubrication system using copper/graphite alloy sleeves and a flexible servo-motor belt drive.