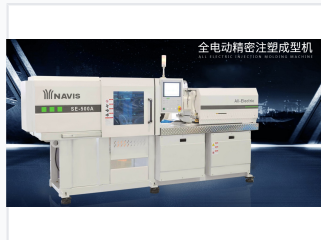


# Electric Plastic Injection Molding Machine

This electric plastic injection molding machine features a rigid toggle structure and self-locking mechanism. Its servo motor connects to a ball screw for flexible operation and simple maintenance.



## ADDITIONAL IMAGES



## Overview

### High-Precision All-Electric Injection Molding

This all-electric injection molding machine is engineered for high-precision plastic manufacturing, offering superior control, repeatability, and energy efficiency. Designed with a robust frame and advanced servo-driven technology, it minimizes noise and energy consumption while ensuring consistent part quality. Ideal for intricate components, the machine features a user-friendly interface and a self-locking toggle structure for reliable, high-speed operation.

## Key Features



Advanced features including zero-resistance clamping structure and high-response servo motor technology.

### Performance Highlights

All-Electric Design, High-Precision Control, Energy Efficient, Self-Locking Toggle Structure, Japanese Technology Servo Motor, Low Noise Operation

## Technical Specifications

### Clamping System

**500 kN**

Clamp Tonnage

**270 mm**

Open Stroke

**19.6 kN**

Ejector Force

Mould Specifications	120-450 mm (Thickness)
Platen Dimensions	520 x 480 mm
Space Between Tie-Bars	370 x 330 mm

## Injection Unit

Injection Capacity Range	15 - 97 cm <sup>3</sup>
Injection Weight (PS)	14 - 88 g
Screw Speed	400 rpm

## Construction & Maintenance

Lubrication	High efficiency system using graphite alloy steel sleeves (copper sleeves)
Drive System	Clamping servo motor connected to ball screw via belt (10-year warranty)

## Physical Attributes



Technical diagram illustrating overall machine dimensions and platen layout for installation planning.

Machine Weight	2.6 T
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