

# Servo Energy-Saving Injection Molding Machine

This high-performance injection molding machine utilizes servo technology for energy savings. It features a robust clamping unit and high-speed injection system for efficient and precise plastic product manufacturing.



## Product Overview

### High-Efficiency Injection Molding

The BS series injection molding machine is engineered for high reliability and significant energy savings, reducing power consumption by 40%-80% compared to conventional models. It features a fast-responding control system with a response time of less than 0.1 seconds and a high repeatability of 0.1%. This machine is designed to meet the energy-saving trends of modern industry while maintaining precision in high-speed manufacturing environments.

## Performance Highlights

### Energy Savings

**80 %**

Maximum Power Saving

System Response Time	0.1 sec
Repeatability Precision	0.1 %

## Technical Configuration

Standard Pump Configuration	Double-level piston pump
Control Mechanism	Servo control system converting input feedback to precise pressure and flow output

## Key Features

### Core Advantages

- High reliability BS series design
- Low consumption during holding and cooling stages
- Fast response to input feedback signals
- Robust clamping unit
- High-speed injection system

## Applications

Ideal For	Plastic Products, Precision Parts, High-Volume Manufacturing, Energy-Conscious Production
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