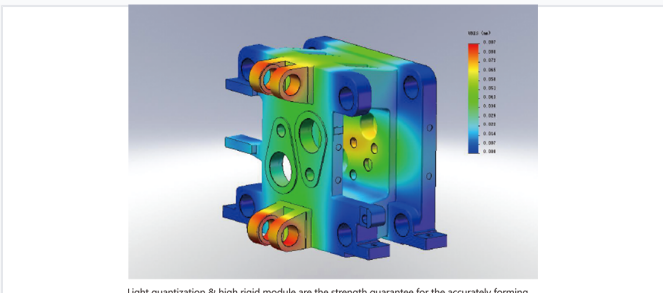


# Full Electric Injection Molding Machine

This full electric injection molding machine is designed for high precision and energy efficiency. The machine features a servo-driven system for precise control over injection, clamping, and ejection processes.



## Overview



Light quantization & high rigid module are the strength guarantee for the accurately forming.

Advanced structural stress analysis ensures durability and optimized performance under operating conditions.



High performance servo motor and servo drive.

GSK series heavy loading, high precision ball screw.

Precision-engineered servo motors and heavy-loading ball screws drive the machine's high accuracy.

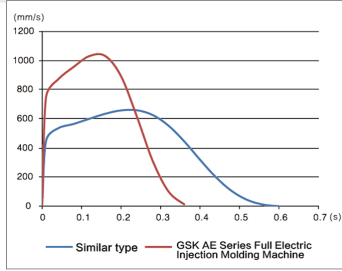
### High-Performance Electric Injection Molding

This full electric injection molding machine is engineered for precision, high-speed operation, and energy efficiency. By utilizing an advanced servo-driven system for injection, clamping, and ejection, it ensures consistent part quality while reducing energy consumption and noise levels. Designed for versatility, it is suitable for demanding applications in electronics, medical devices, optics, and consumer goods.

#### Key Advantages

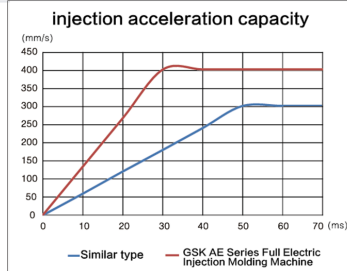
High Precision, Energy Efficient, High Speed, Environmentally Friendly, Fully Electric

## Injection Unit



High speed and smooth mold-clamping mechanism can be enhanced the efficiency of the machine.

The electric drive system delivers superior injection speed and shorter cycle times compared to standard models.



Excellent injection acceleration capacity.

High-performance acceleration capability for precise and efficient molding cycles.

## Injection Performance

**200 ton**

Clamping Force

**475 cm<sup>3</sup>**

Max Injection Capacity

**300 mm/s**

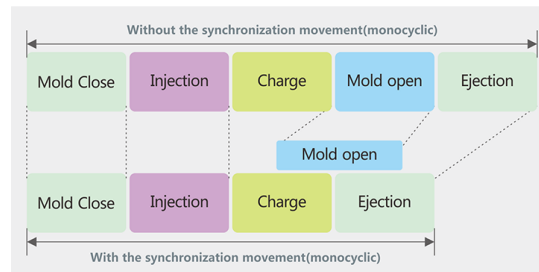
Max Injection Speed

## Injection Specifications

Parameter	Range
Screw Diameter	36 - 55 mm
Injection Pressure	166 - 260 Mpa
Plasticizing Capacity	81 - 171 Kg/h
Screw Rotation Speed	0 - 350 rpm
Heating Power	9.8 - 15.1 kW

## Clamping Unit

Shorten the high speed & high precision synchronism motion of the molding cycle.



Optimized synchronized movement reduces cycle times by integrating mold and injection stages.

## Clamping Specifications

- Clamping Force: 200 tons
- Drive Travel: 520 mm
- Minimum Mould Thickness: 280 mm
- Maximum Mould Thickness: 580 mm
- Ejection Force: 60 kN
- Ejection Stroke: 150 mm

## Physical Dimensions

### Machine Dimensions

- Overall Dimensions: 6.03m x 1.55m x 2.50m
- Machine Weight: 11.2t - 11.8t
- Number of Thimbles: 13