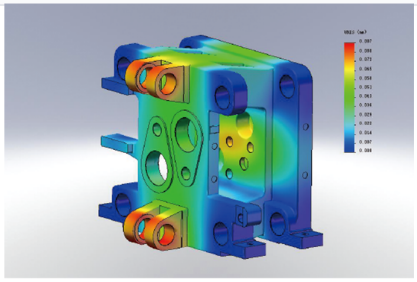
Full Electric Injection Molding Machine

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



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

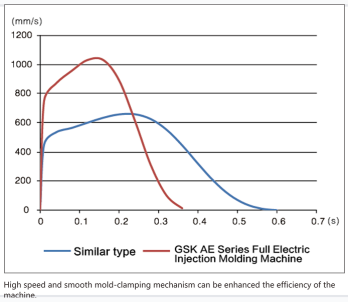
Precision-engineered servo motors and heavy-loading ball screws drive the machine's high accuracy.

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.

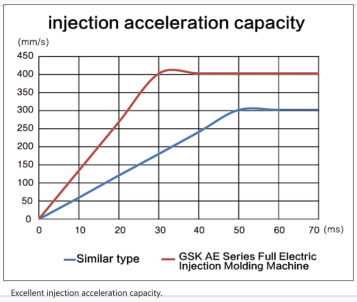
Key Advantages	High Precision, Energy Efficient, High Speed, Environmentally Friendly, Fully Electric

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.

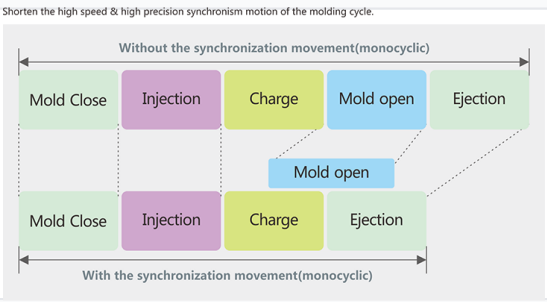
Injection Performance

200 ton	475 cm³	300 mm/s
Clamping Force	Max Injection Capacity	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



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