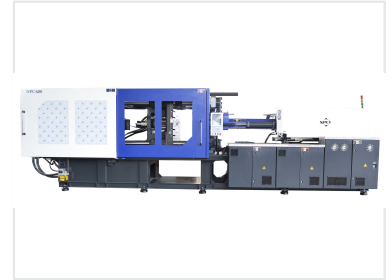


Plastic Injection Molding Machine

This plastic injection molding machine is engineered for high-precision and efficient production of plastic parts. It features a robust construction and advanced control systems to ensure consistent and reliable performance.



Overview

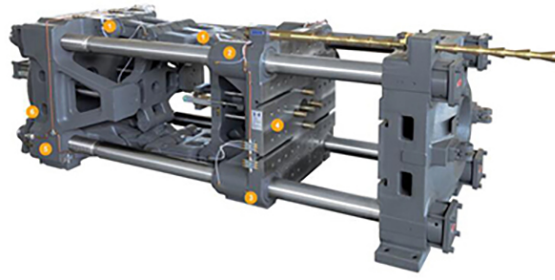


The NPC 600 provides a robust platform for high-precision plastic manufacturing.

NPC 600 Injection Molding Machine

The NPC 600 is a high-precision plastic injection molding machine engineered for consistent and efficient production. It features a robust clamping unit with diagonal dual-toggle mechanics and a high-performance injection system with multi-stage control. Designed for industrial reliability, it incorporates energy-saving servo technology and advanced network management solutions to optimize cycle times and production quality.

Clamping Unit



The clamping unit features a diagonal dual-toggle mechanism for stability and precision.

Clamping Specifications

- Open stroke: 910 mm
- Space between tie bars: 870 x 870 mm
- Max. Mould height: 900 mm
- Min. Mould height: 350 mm

Ejector System

250 mm

Ejector Stroke

150 Kn

Ejector Force

Clamping Force

6000 Kn

Injection Unit



Advanced injection unit designed for accurate material delivery and stable operation.

Injection Performance Table

Screw Diameter	Shot Volume	Injection Weight
90 mm	2544 cm ³	2315 g
95 mm	2835 cm ³	2580 g
100 mm	3140 cm ³	2858 g
105 mm	3461 cm ³	3152 g

Key Injection Features

Dual-cylinder balanced injection, Multi-stage pressure/speed control, High-torque oil motor, Screw speed tester, Ceramic hopper heating

General Specifications



The hydraulic system utilizes high-quality components to improve response speed and reliability.

Power Requirements

- Motor/Servo Power: 60.5 + 20.5 kW
- Heating Power: 55.55 kW

Physical Dimensions

9.8 x 2.14 x 2.71 m

Machine Weight

26.3 t

Max Pump Pressure

17.5 MPa