

Plastic Injection Molding Machine

This plastic injection molding machine is designed for efficient and precise manufacturing. It features a robust construction and advanced control system for consistent operation.



Overview



Overview of the high-performance injection molding unit.

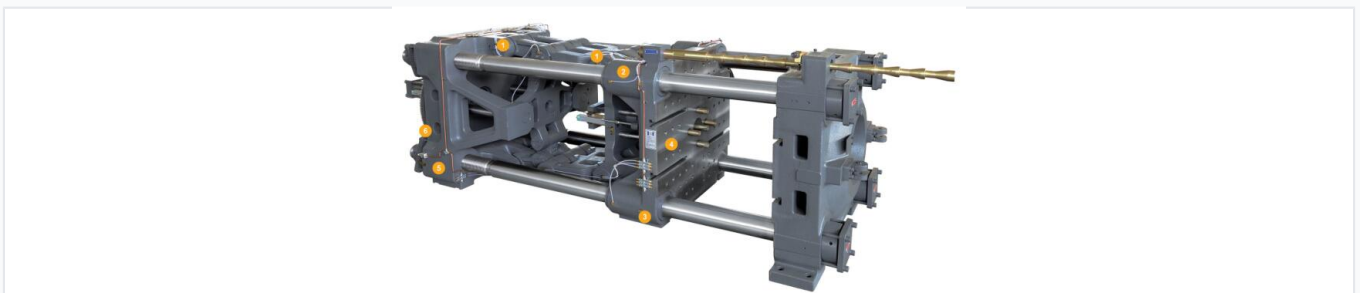


Advanced controller interface for production network management and process monitoring.

High-Precision Injection Molding

The NPC 200 is a high-performance plastic injection molding machine engineered for efficient, precise manufacturing. It features a robust clamping system, advanced hydraulic controls, and an optimized injection unit designed to ensure consistent part quality and high productivity. With its user-friendly interface and energy-saving servo technology, this machine is an ideal solution for diverse applications in the plastic and rubber industries.

Clamping Unit



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

Clamping Force	2000 kN
Space between tie bars (WxH)	525x525 mm
Mould Height Range	200 - 530 mm
Key Clamping Features	Diagonal dual toggle, Automatic lubrication, Automatic mould adjustment, Triple interlocking protection

Injection Unit



The dual-cylinder injection system ensures balanced and stable operation.

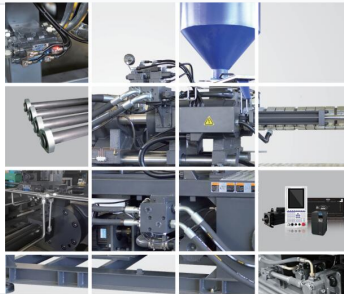
Injection Unit Specifications

Metric	Screw A	Screw B	Screw C
Screw Diameter (mm)	45	50	55
Shot Volume (cm ³)	397	490	593
Injection Weight (g)	361	446	540
Injection Pressure (MPa)	239	194	160

Injection System Features

- Dual-cylinder balanced injection system
- High-torque oil motor drive
- Screw draw-back anti-drooling device
- Computer PID hopper temperature control

Hydraulic & Power



Optimized hydraulic circuit featuring high-quality components for responsive control.

Power & Capacity

27.8 kW

Servo Power

14.9 kW

Heating Power

206 L

Oil Tank Capacity

Hydraulic System Highlights

Proportional multi-pump control • Energy-saving servo system • Flaring type seamless steel pipes • Imported hydraulic components

General Specifications

Dimensions (LxWxH)	5.73 x 1.44 x 2.21 m
Machine Weight	6.8 t