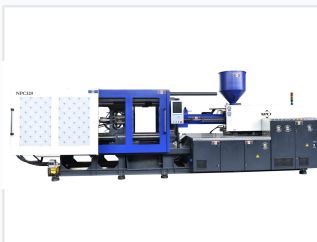


Plastic Injection Molding Machine

This plastic injection molding machine is engineered for precision and efficiency in plastic part production. It features a robust clamping unit with a toggle mechanism and an advanced control system for parameter adjustments.



ADDITIONAL IMAGES



Overview

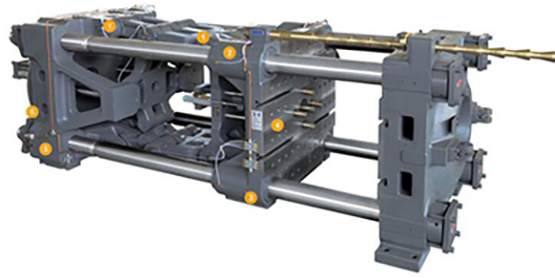


The NPC 320 injection molding machine, featuring a robust and stable design for industrial production.

High-Performance NPC 320 Injection Molding Machine

The NPC 320 is a robust plastic injection molding machine engineered for precision and efficiency in high-volume manufacturing environments. Featuring a dual-toggle clamping mechanism and an advanced multi-stage injection system, it ensures consistent shot quality and reliable operation. With integrated servo-control technology and comprehensive production network management, this machine offers an optimized solution for diverse thermoplastic molding applications.

Clamping Unit



The clamping unit utilizes a dual-toggle mechanism, ensuring high rigidity and smooth mold movement.

Clamping Dimensions

- Open stroke: 660 mm
- Space between tie bars: 660 x 660 mm
- Max mold height: 720 mm
- Min mold height: 250 mm

Clamping Force

3200 kN

Key Features

Diagonal Dual Toggle, Automatic Lubrication, Auto Mold Adjustment, T-Shape Slot, Triple Interlocking Protection

Injection Unit



The injection unit features dual-cylinder balancing for stable, high-precision material processing.

Injection Performance

Specification	Screw A	Screw B	Screw C
Screw Diameter (mm)	65	70	75
Injection Weight (g)	1013	1175	1349
Injection Pressure (MPa)	215	186	162

Injection System Capabilities

- Dual-cylinder balanced injection
- Multi-stage pressure/speed/position control
- High-torque oil motor screw drive
- Screw draw-back anti-drooling
- Computer PID hopper temperature control

Hydraulic & Power



The hydraulic system incorporates high-efficiency servo technology and optimized valve arrangements for rapid response.

System Power

50.7 kW

Motor/Servo Power

31.4 kW

Heating Power

Hydraulic System

- Servo control system
- Multi-pump control system
- Flaring type seamless steel pipes
- Max pump pressure: 17.5 MPa
- Oil tank capacity: 635 L

Controller



Advanced controller interface enabling comprehensive production management and real-time data monitoring.

Smart Controller Capabilities

Network Management • Cloud Connectivity • Real-time Monitoring • Production Data Analysis • Order Distribution

General Specifications

Machine Weight

12.5 t