

Rubber Injection Molding Machine

This rubber injection molding machine is a robust solution for manufacturing rubber products. It is designed for precision molding, ensuring consistent quality and minimal material waste.



Overview

Advanced Rubber Injection Molding Technology

The HY Series rubber injection molding machine is a high-efficiency hot-pressing solution designed for complex rubber products that are difficult to mold. Featuring a compact structure and high yield, this equipment utilizes an electro-hydraulic proportional control system for a high degree of automation. It is engineered for precision, stability, and reliability, making it an ideal choice for manufacturing seals, gaskets, and automotive components.

Performance & Control

Automation

Full Computer Control • Electro-hydraulic Proportional Control

Operational Metrics

55 °C

Max Operating Oil Temp

Control System Options

Siemens, Mitsubishi, 5.7-inch Touch Screen

Technical Features

Heating Systems

- Cast aluminum external heating for heating plate
- Computer PID temperature control
- Hot oil heating for injection and pre-plastication cylinder

Safety Equipment

- Infrared light screen protection
- Moving mould device
- Ejector device
- Mechanical tip
- Clamp of mould device

Hydraulic System

- Imported high pressure pumps
- Low noise internal gear pump
- Proportional pressure valve control
- Oil cooler included

Material Treatment

Nitrogen treated injection & pre-plasticating screw and material cylinder for abrasion resistance