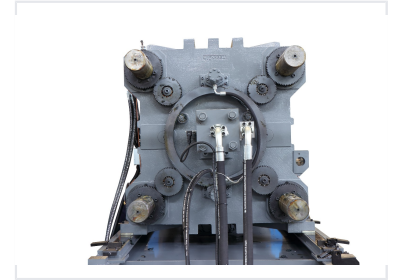
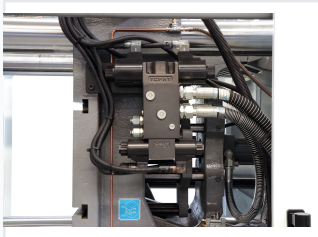


# Hydraulic Plastic Injection Molding Machine

The NHTX series hydraulic plastic injection molding machine is designed with Japanese technology for sophisticated control. It features rapid response and low energy consumption.



## ADDITIONAL IMAGES



## Overview

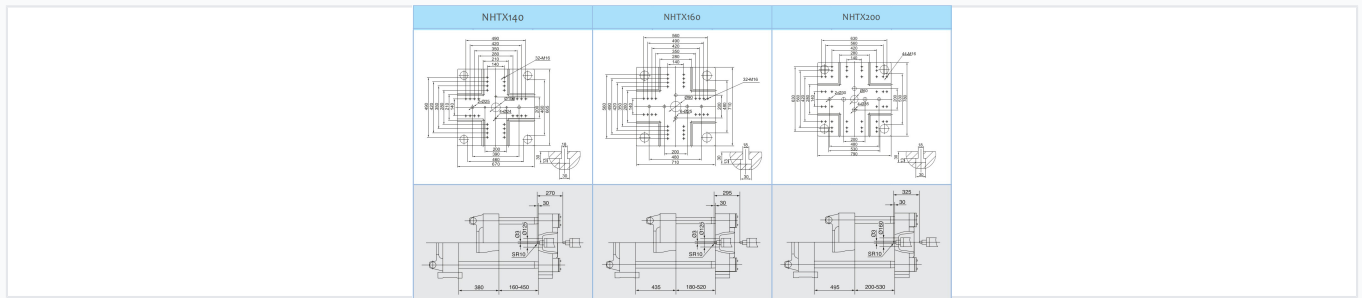


Standard configuration overview highlighting the clamping, injection, and control unit capabilities.

## High-Performance Hydraulic Injection Molding

The NHTX series hydraulic plastic injection molding machine is engineered with advanced technology to deliver sophisticated control, rapid response times, and superior energy efficiency. Designed for precision manufacturing, this series offers flexible configuration options, including constant pump, variable pump, and servo-driven hydraulic systems to suit diverse production needs. Built for reliability and safety, it features robust clamping mechanisms, automated monitoring, and intelligent fault detection to ensure consistent quality and operational safety.

## Technical Specifications



Detailed technical layout including top view dimensions, hole patterns, and stroke ranges for installation planning.

### Injection Unit Parameters

Specification	NHTX140	NHTX160	NHTX200
Screw Diameter (mm)	38/42/45	42/45/50	45/50/55
Shot Volume (cm <sup>3</sup> )	193-270	305-432	340-510
Injection Pressure (MPa)	139-205	143-203	139-207
Injection Rate (g/s)	94-132	138-196	124-186

### Clamping Unit Parameters

Specification	NHTX140	NHTX160	NHTX200
Clamping Force (KN)	1400	1600	2000
Open Stroke (mm)	380	435	495
Max Mold Height (mm)	450	520	530
Tie Bar Space (mm)	460x460	480x480	530x530

## Features

### Clamping Unit Features

5-Point Double Toggle, Triple Chain Security Protection, Low Pressure Mold Protection, Automatic Centralized Lubrication, Fast-Mold Differential Device

### Injection Unit Features

Balance Cylinder Injection, Multi-Stage Speed/Pressure Control, Anti-Cold Start Protection, Auto-Purge Function, PID Barrel Temperature Control

## System Metrics

### Machine Performance

**16 MPa**

Max Pump Pressure

**99 Groups**

Mold Data Memory

**300 L**

Max Oil Tank Capacity

### Hydraulic System Options

- Constant Pump System
- Open-loop Variable Pump System
- Closed-loop Variable Pump System
- Servo Hydraulic System