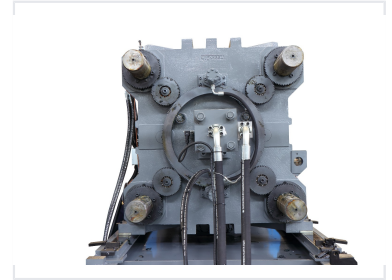
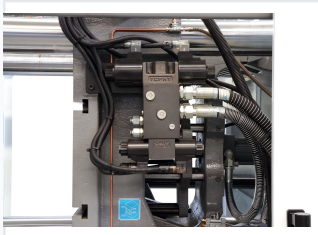


# Hydraulic Plastic Injection Molding Machine

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



## ADDITIONAL IMAGES



## Overview

### High-Performance Hydraulic Injection Molding

The NHTX series hydraulic plastic injection molding machine is engineered with advanced technology, featuring sophisticated control systems, rapid response times, and low energy consumption. This series offers versatile configuration options, including constant pump, open-loop variable pump, closed-loop variable pump, and servo hydraulic systems to meet diverse production requirements.

## Configuration Options

### Available Hydraulic Schemes

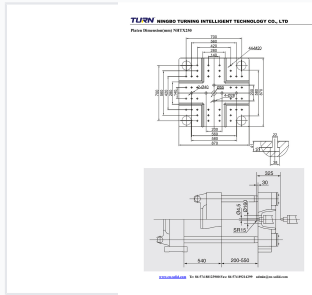
Constant Pump, Open-loop Variable Pump, Closed-loop Variable Pump, Servo Hydraulic

## Injection Unit

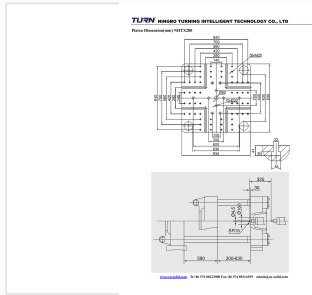
### Injection Unit Specifications

Specification	NHTX250	NHTX280	NHTX320
Shot Volume (cm <sup>3</sup> )	455-655	676-945	1181-1480
Injection Pressure (MPa)	142-205	143-200	146-183
Injection Weight (g)	416-600	615-859	1076-1349

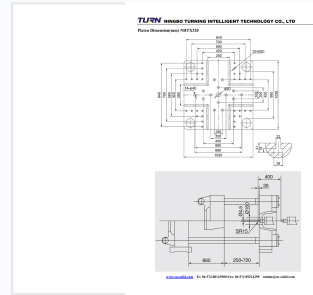
## Clamping Unit



Technical diagram showing platen dimensions and mounting hole placement for the NHTX250 model.



Detailed side view and platen dimensions for the NHTX280 injection molding machine.



Technical specification drawing detailing dimensions and hole configurations for the NHTX320 platen.

### Clamping Unit Specifications

Specification	NHTX250	NHTX280	NHTX320
Clamping Force (KN)	2500	2800	3200
Open Stroke (mm)	540	590	660
Tie Bar Space (mm)	580x580	630x630	680x680

## Machine Features

### Standard Features

- 5-point double toggle clamping unit
- Mechanical, electrical, and hydraulic triple chain security protection
- Low-pressure mold protection device
- Automatic centralized lubrication system
- Barrel PID temperature control
- Multi-stage pressure, speed, and position control

## Components

### Main Components

Component	Standard	Optional
Controller	Taiwan Techmation	Austria KEBA
Hydraulic Pump	USA High-Tech	Germany Eckerle
Directional Valve	Japan Yuken	USA Vickers
Motor Drive	Italy Phase	Germany Rexroth
Electronic Foot	USA Bonny	Germany Novotechnik