

# Oil Pressure Automatic Feed Drilling Machine

This drilling machine features an oil pressure automatic feed unit for precise drilling. It is equipped with multiple spindle options and an oil pressure precision index plate for accurate positioning.



## Overview

### High-Precision Oil Pressure Automatic Feed Drilling Machine

This drilling machine is engineered for high-precision metal cutting operations, featuring an advanced oil pressure automatic feed system for smooth and consistent performance. The integration of a variable capacity vane pump ensures low noise and minimal heat generation during extended use. With a modular design that supports various spindle and tapping heads, this machine offers exceptional versatility for complex industrial drilling requirements.

## Spindle System

Drive Mechanism	Oil pressure driven spindle head for smooth feeding
Feed Rate Adjustment	Adjustable via current control valve
Spindle Speed	Adjustable

## Hydraulic System

Pump Type	Vane pump with variable capacity
System Benefits	Low Noise, Low Heat, Smooth Operation, High Stability
Control Valve	High current electromagnetic valve

## Electrical Control

Electrical Standard	International uniform standard for high compatibility
System Logic	PLC applied to multi-spindle system for low failure rate

## Configurations

### Available Heads

- Square multi-spindle heads
- Round multi-spindle heads
- Various drilling heads
- Various tapping heads

### Clamping & Workholding

- Air clamps
- Oil pressure clamps
- Air cylinders
- Oil cylinders
- Oil pressure precision index plate

## Key Components

### System Components

Component	Function/Type
Index Plate	Oil pressure precision indexing
Pump Unit	Integrated oil pressure pump station
Feed Unit	Automatic oil pressure feed