

CNC Drilling Machine

This CNC drilling machine features an electromechanical integration design, ensuring a compact structure and appealing appearance. Its feeding mechanism is driven by a uniaxial CNC system, which facilitates a complete cycle of rapid advance, precise advance, and rapid retraction for chip removal.



Overview

High-Efficiency CNC Drilling Solution

This CNC Drilling Machine features an electromechanical integration design that combines a compact structure with an aesthetic appearance. Utilizing a uniaxial CNC system, it achieves a highly efficient cycle of fast forward, fine forward, and fast backward movements for optimal chip removal. Specifically designed for drilling operations, the system simplifies user workflow while significantly improving overall production effectiveness.

Performance Metrics

Key Performance Metrics

20 mm

Max Drilling Diameter

16 M

Max Tapping Diameter

110 mm

Spindle Stroke

Technical Specifications

Motor Power	1.1 kW
Motor Speed	1400 r/min
Spindle Speed Range	200-2500 r/min

Operational Features

Control & Design Features

- Uniaxial CNC feeding system
- Electromechanical integration design
- Variable speed control
- Automatic tool changer
- User-friendly programming interface

Supported Operations	Drilling, Tapping, Reaming, Chip Removal
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Physical Dimensions

Build Quality

Compact Structure • Rigid Frame • High Stability

Overall Size	750 x 550 x 1100 mm
Net Weight	240 kg