

High Speed CNC Drilling Machine

This high-speed drilling machine is designed for efficient and precise drilling operations. It features a robust construction, advanced CNC control system, and high-performance drilling spindle.



ADDITIONAL IMAGES



Overview

High-Speed CNC Gantry Drilling

This high-performance CNC drilling machine is engineered for precision metal processing, featuring a robust gantry structure driven by high-torque AC servo motors and precision ballscrew pairs. The machine offers advanced capabilities including automatic tool changing and integrated inner-cooling systems to ensure efficiency and high accuracy. Designed for industrial workflows, it provides reliable drilling performance with a user-friendly CNC control interface.

Operational Metrics

Performance Highlights

50 mm

Max Drilling Diameter

22 kW

Spindle Motor Power

3000 r/min

Max Spindle Speed

Capacity & Dimensions

Work Capacity

Parameter	Value
Max Work Size	2500 x 2500 mm
Max Thickness	250 mm
Overall Size	7000 x 7000 x 3600 mm
Total Weight	35 t

System Controls

Control & Automation

SIEMENS / FAGOR CNC, 4-Axis Control, Automatic Tool Changer, Inner-cooling System, Plate Chain Chip Conveyor

Accuracy

Precision Data

- Positioning accuracy (X/Y axis): ≤ 0.08 mm / Full length
- Repositioning accuracy (X/Y axis): ≤ 0.04 mm