

CNC Vertical Machining Center

This vertical machining center is designed for metal cutting, providing a robust frame and advanced CNC control. Its high-speed spindle facilitates efficient material removal, while the automatic tool changer enhances productivity.



ADDITIONAL IMAGES



Product Overview

High-Precision Vertical Machining Center

This CNC Vertical Machining Center is engineered for high-precision metal cutting operations, offering a rigid construction for enhanced stability. Equipped with advanced components like Hiwin linear guide ways and ball screws, it ensures reliable performance for complex part geometries. The integrated automatic tool changer and high-speed spindle system optimize productivity while maintaining tight tolerances in milling, drilling, and tapping tasks.

Performance Metrics

Key Performance Metrics

6000 RPM
Spindle Speed

500 kg
Table Load

24 pcs
Tool Capacity

Machining Capacity

Worktable Specifications

Parameter	Value
Table Size	1000x500 mm
Max Load	500 kg
T-Slot Number	5
T-Slot Width	18 mm

Travel Range

- Longitudinal (X): 800 mm
- Cross (Y): 500 mm
- Vertical (Z): 550 mm
- Spindle Nose to Table: 150-700 mm

Technical Specifications

Spindle System

- Taper: BT40
- Max Torque: 95 N.M
- Motor Power: 11/15 kw

Accuracy Standards

Positioning $\pm 0.005/300\text{mm}$, Repeatability $\pm 0.003\text{mm}$, JIS Standards

Machine Dimensions

2500x2300x2700 mm

Safety and Features

Safety and Equipment Features

Safety Door Lock • Alarm Light • Auto Lubrication • Spindle Blowing • Coolant System