

# CNC Vertical Machining Center

This vertical machining center is designed for versatile and high-precision machining operations. It features a robust structure, an advanced control system, and a high-speed spindle for efficient material removal.



## ADDITIONAL IMAGES



## Overview

### High-Rigidity Vertical Machining Center

This series of vertical machining centers is engineered for high-precision, heavy-duty industrial metal cutting tasks including milling, drilling, and tapping. Featuring a robust hard rail construction, a one-piece cast base, and an A-shaped column, these machines provide superior stability and vibration damping. Equipped with advanced CNC controls and automated tool changers, they are designed to maintain tight tolerances and high repeatability in demanding manufacturing environments.

## Performance

### Operational Highlights

**8000 rpm**

Max Spindle Speed

**1200 kg**

Max Table Load

**0.005 mm**

Best Repeatability

### Supported Operations

- Milling
- Drilling
- Tapping
- Heavy-duty metal cutting

## Capacity

### Available Models

V650, V850, V855, V1060, V1165, V1270, TH5656, V1370

## Design

### Key Structural Advantages

- One-piece base and water tray casting
- Large-span A-shaped column
- Hard rail guide system
- Seamless transmission connection design
- Integrated screw nut base