

# Vertical Machining Center

The Vertical Machining Center is a versatile machine tool designed for precision metal cutting. Its rigid frame and high-performance spindle ensure accuracy and stability during machining operations.



## Overview

### High-Precision Vertical Machining Center

This Vertical Machining Center is engineered for high-performance metal cutting, providing exceptional rigidity and stability for demanding industrial applications. Equipped with a robust 11kW spindle and a spacious 1000x560mm work table, it is designed for efficient milling, drilling, and tapping operations. Its advanced CNC control system and rapid feed capabilities ensure high productivity and precise results for complex manufacturing tasks.

## Technical Specifications

### Travel Range

**1050 mm**

X Travel

**620 mm**

Y Travel

**610 mm**

Z Travel

### Working Table Capacity

**1000 mm**

Width

**560 mm**

Depth

**800 kg**

Max Load

## Spindle Performance

### Spindle Details

Feature	Value
Spindle Speed	50-8000 rpm
Spindle Power	11 kW (15 HP)
Taper Type	ISO NO.40
Spindle Diameter	70 mm

## Tool Management

### Automatic Tool Changer

- Magazine Form: Circular cutter type
- Capacity: 24 pieces
- Max Cutter Length: 300 mm
- Max Cutter Diameter: 80-150 mm
- Change Time: 2.8 sec

## Accuracy

Precision Grade

Position Accuracy:  $\pm 0.005/300\text{mm}$ , Reposition Accuracy:  $\pm 0.003\text{mm}$