

# CNC Milling Machine

This CNC milling machine is a high-precision metal cutting machine tool designed for versatile milling operations. It features a rigid frame construction for enhanced stability and reduced vibration during machining.



## Overview

### High-Precision CNC Milling Capability

This CNC milling machine is engineered for versatile and high-precision metal cutting operations. Built with a rigid frame for superior stability and vibration reduction, it ensures consistent quality during complex machining tasks. Its high-speed spindle and flexible control system make it an ideal solution for industries such as mold making, die casting, and general manufacturing of ferrous and non-ferrous components.

## Performance Metrics

### Key Performance Indicators

**6000 r/min**

Max Spindle Speed

**7.5 kW**

Spindle Motor Power

**18 m/min**

Rapid Feed Speed

**500 kg**

Max Table Load

## Technical Specifications

### Machining Range

Parameter	Value
Table Size	800 x 460 mm
Travel Range (X/Y/Z)	800 x 460 x 500 mm
Spindle Nose to Table Surface	150-650 mm
Spindle Axis to Vertical Guideway	510 mm

### Mechanical Properties

- Spindle Taper: BT40
- T-Slot Configuration: 3 slots, 18mm width, 150mm spacing
- Feed Speed: 2-4000 mm/min
- Positioning Accuracy:  $\pm 0.02$  mm
- Repeat Positioning Accuracy:  $\pm 0.01$  mm

## Physical Attributes

### Machine Dimensions and Weight

**4550 kg**

Net Weight

**2500 mm**

Length

**2260 mm**

Width

**2300 mm**

Height