

# Vertical Milling Machines

These milling machines shape metal workpieces using rotating cutting tools. They consist of a vertical spindle, a worktable that moves in multiple axes, and a frame to minimize vibration during operation.



## Overview

### Precision Vertical Milling Solutions

These vertical milling machines are engineered for high-precision metalworking and complex manufacturing tasks. Featuring a robust frame design to minimize vibration, these units offer reliable performance for shaping metal workpieces with tight tolerances. Operators can utilize multi-axis movement across X, Y, and Z planes to achieve intricate geometries, making them essential equipment for professional machine shops.

## Technical Specifications

### Movement Axes

- X-axis
- Y-axis
- Z-axis

### Frame Construction

Robust Frame • Vibration Damping

### Spindle Orientation

Vertical

## Control Systems

### Available Control Types

Digital Readout (DRO), Manual Control

## Applications

### Primary Applications

- Metalworking
- Complex Geometry Machining
- Precision Part Manufacturing