

3-Axis CNC Vertical Milling Machine

This 3-axis CNC vertical milling machine is designed for precision milling operations. The machine features a compact footprint and a CNC control system for automated machining.



ADDITIONAL IMAGES



Overview

Compact and efficient 3-axis vertical machining center designed for precision milling.

Precision 3-Axis Vertical Machining

This compact 3-axis vertical machining center is engineered for high-precision milling operations, offering excellent rigidity and stability. Designed for versatility, it is suitable for processing various materials, including stainless steel and non-ferrous metals, making it an ideal choice for industries ranging from electronics to medical instrument manufacturing. The machine features an automated CNC control system and a high-speed spindle to ensure consistent, reliable performance for both prototyping and small-batch production runs.

Performance Metrics



High-speed spindle and automated tool changer facilitate efficient material removal.

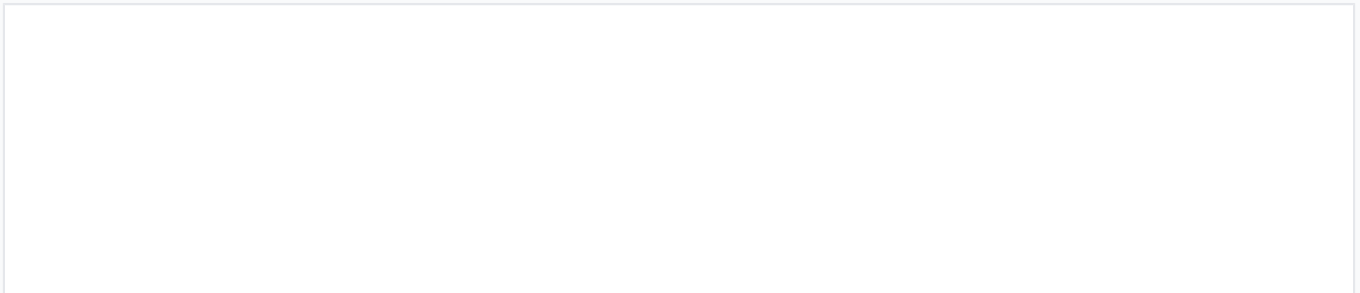
Max Spindle Speed

6000 rpm

Max Rotating Speed

Main Motor Power	3.7 KW
Positioning Accuracy	0.02 mm
Repeatability	0.01 mm

Technical Specifications



Rigid frame construction ensures stability and accuracy during complex machining tasks.

Travel (X/Y/Z)	450 x 320 x 420 mm
Worktable Size	800 x 260 mm
Spindle Taper	BT40
Magazine Capacity	12
Overall Dimensions	2600 x 1950 x 2400 mm
Net Weight	2400 kg

Configuration



User-friendly CNC control system for automated and precise operation.

Motor Torque

Axis	Torque
Z-Axis	7.7 N.m
X & Y Axis	6 N.m

Standard Components

Ball Screw, Oil Pump, Working Lamp, Tool Magazine, Line Guide Rail