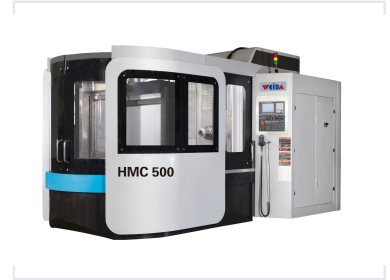


Horizontal Machining Center with CNC Control

This horizontal machining center is designed for precision metal cutting. It features a robust spindle, high-speed axis movement, and an advanced CNC control system.



Overview

High-Performance Horizontal Machining Center

This horizontal machining center is engineered for high-precision metal cutting and complex part manufacturing. Featuring a robust BT50 spindle, rapid axis movement, and an automatic tool changer, it offers versatile and continuous operation for demanding industrial applications. The integration of advanced CNC control and high-quality components ensures consistent accuracy and reliability.

Key Metrics

Performance Highlights

32000 mm/min

Rapid Speed

235 N.M

Spindle Torque

10000 kg

Net Weight

Table Specifications

Table Configuration

Parameter	Value
Table Size	500x500 mm
Max Load	500 kg
Table Indexing	1°x360°

Machining Capacity

Travel Range (X, Y, Z)	800 / 650 / 800 mm
Max Workpiece Diameter	800 mm

Spindle

Spindle Details

- Taper: BT50
- Speed: 3000 rpm
- Motor Power: 15/18.5 KW

Tooling

Tooling Limits

- Max Tool Diameter: 125 mm
- Max Tool Length: 400 mm
- Max Tool Weight: 25 kg

Automatic Tool Changer

24 tools

Accuracy

Positioning Accuracy

- X, Y, Z Axis: 0.01 mm
- B Axis: 10 Arc sec

Repeat Positioning Accuracy

- X, Y, Z Axis: 0.005 mm
- B Axis: 2 Arc sec

Components

Standard Features

CNC Control System, Linear Guide, Ballscrew, Automatic Lubrication, Chip Conveyor, Electrical Handwheel, Three Color Alarm Lights