

Horizontal Machining Center with Rotary Table

The horizontal machining center features a T-type base, providing a rigid structure and eliminating overturning during full stroke operations. High-speed, precision NSK angular contact ball bearings support the spindle, ensuring low temperature rise and maintenance-free operation.

Specification	
Model	HF 400
Control	SIEMENS 840D
Spindle Power	15 kW
Max Spindle Speed	10000 rpm
Max Feed Rate	36000 mm/min
Positioning Accuracy	0.005 mm
Max Table Load	350 kg
Table Size	800 x 500 mm
Spindle Taper	BT40
Max Face Milling	Ø80 mm
Max End Milling	Ø38 mm
Tool Changer Capacity	32 pcs
Axis Travel (X/Y/Z)	800 / 500 / 650 mm



ADDITIONAL IMAGES



Overview

High-Performance Horizontal Machining Center

This horizontal machining center features a rigid T-type layout, ensuring structural stability and eliminating overturning moments during full-stroke operations. Equipped with high-precision components, including NSK angular contact ball bearings and high-torque servo motors, it delivers consistent accuracy and efficient material removal. Designed for demanding industrial applications, the unit includes a full protection structure for safety and cleanliness, making it a reliable choice for aerospace, automotive, and general manufacturing sectors.

Performance Metrics

Key Performance Indicators

10000 rpm

Max Spindle Speed

36000 mm/min

Rapid Traverse Speed

0.005 mm

Positioning Accuracy

350 kg

Max Table Load

Technical Specifications

Spindle Specifications

Feature	Specification
Spindle Taper	BT40
Max Face Milling	Ø80 mm
Max End Milling	Ø38 mm

Tool Changer Capacity

- Standard: 32 pcs
- Optional: 24 pcs
- Optional: 70 pcs

Axis Travel (X/Y/Z) 800 / 500 / 650 mm

Electrical & Mechanical

Power Requirements

Component	Rating
Total Power	20 kW
Main Motor	9 kW
Coolant Pump	0.37 kW
Electrical Connection	400V 50Hz 3ph

Certifications & Standards

EU Safety Standards, Export Ready