

# 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**

Item	Specification
Model	HF 400
Spindle Power	15 kW
Spindle Speed	10000 rpm
Max. Traversing Speed	36000 mm/min
Positioning Accuracy	0.005 mm
Max. Table Load	350 kg
Control System	SIEMENS 840D
Rotary Table	1000 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