

Gantry Type Machining Center

This high-precision gantry-type machining center is designed for heavy-duty cutting and complex part machining. It features a rigid structure, advanced control system, and high-speed spindle for efficient material removal and superior surface finish.



Overview

High-Precision Gantry Machining Center

This Gantry-type machining center is engineered for heavy-duty cutting and the production of complex components. Featuring a rigid, stable structure and a high-speed spindle, it delivers efficient material removal rates and superior surface finishes. It is an ideal solution for demanding applications within the aerospace, automotive, and mold-making industries.

Table Specifications

Table Size	5500 x 2000
Table Travel (X, Y, Z)	5100 x 2500 x 1000
Max Worktable Load	8000 kg
T-Slot Configuration	9 slots, 28H8 width

Spindle Performance

Spindle Performance

3000 r/min

Max Speed

18.5 kW

Max Power

Clearance Distance

- Nose to table surface: 150-1150 mm
- Horizontal axis to table surface: 0-500 mm

Spindle Taper

ISO50

Milling Head

Milling Head Travel

- Cross travel: 500 mm
- Vertical travel: 500 mm

Feed & Accuracy

Feed Speeds (X, Y)

- Working feed: 2-3000 mm/min
- Rapid feed: 1-10000 mm/min

Accuracy

0.015 mm

Positioning Accuracy

0.0075 mm

Repeat Positioning Accuracy

Feed Motor Power (X/Y/Z/V/W)

9/4/7/3/3 kW