

Machine Name : CNC Gantry machining Center

Brand : Deyung

Machine Model : GP-8547Z2

Stock No. : 4812649

Ex-factory Date : 2026



Main Technical Parameters:

CNC System: FANUC 0i-MF Plus

Three-axis Travel: 8560 × 4700 × 1200 mm

Distance from Spindle Nose to Worktable: 315 - 1515 mm

Distance Between Columns: 4200 mm

Worktable Size: 8020 × 3010 mm

T-slot Size: 28 × 14 × 200 mm

Maximum Worktable Load: 28,000 kg

Spindle Motor Power: 22 / 26 kW (Continuous / 30 min)

Spindle Speed: 10 - 6000 rpm

Spindle Drive Type: Two-speed automatic transmission

Spindle Taper: BT50

X-axis Motor: αiF40/3000 FANUC

Y-axis Motor: αiF30/4000 FANUC

Z-axis Motor: αiF30B/4000 FANUC

X-axis Rapid Traverse: 5 / 8 m/min

Y-axis Rapid Traverse: 12 m/min

Z-axis Rapid Traverse: 12 m/min

Cutting Feed Rate: 1 - 6000 mm/min

Tool Magazine Configuration

Tool Magazine Capacity: 24 tools

Tool Holder Specification: BT50

Maximum Tool Diameter: Ø110 mm (Adjacent Tool) / Ø200 mm (Without Adjacent Tools)

Maximum Tool Length: 400 mm

Maximum Tool Weight: 15 kg

Accuracy (VDI 3441 Standard)

Full Travel Positioning Accuracy: 0.045 mm

Full Travel Repeatability: 0.030 mm

Hydraulic & Cooling System

Coolant Tank Capacity: 950 L

Hydraulic System Capacity: 120 / 7.5 L

Minimum Air Pressure Requirement: 6 kg/cm²

Other Configurations

XY-axis Guideway Type: Heavy-duty roller linear guideways

Power Supply: AC380V $\pm 10\%$, 3 Phase, 50 Hz

Total Power Requirement: 60 kW

Overall Dimensions (Approx.)

Length $\times$ Width $\times$ Height: 24000 $\times$ 10500 $\times$ 5850 mm

