

Machine Name : CNC Gantry machining Center

Brand : Deyung

Machine Model : GP-10040Z2

Stock No. : 812650

Ex-factory Date : 2026



Main Technical Parameters:

CNC System: FANUC

Work Range

Three-axis Travel: 10060 × 4000 × 1200 mm

Distance from Spindle Nose to Worktable: 260 - 1460 mm

Distance Between Columns: 3500 mm

Worktable Size: 10020 × 2510 mm

T-slot Size: 28 × 12 × 200 mm

Maximum Worktable Load: 28000 kg

Spindle Parameters

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

Spindle Speed: 10 - 6000 rpm

Spindle Drive Type: Two-speed automatic transmission

Spindle Taper: BT50

Axis Drive

X-axis Motor: αiF40/3000 FANUC

Y-axis Motor: αiF30/4000 FANUC

Z-axis Motor: αiF30B/4000 FANUC

Feed Parameters

X-axis Rapid Traverse: 4 / 6 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 (Optional)

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: 0.050 mm

Full Travel Repeatability: 0.032 mm

Hydraulic & Cooling System

Coolant Tank Capacity: 950 L

Hydraulic System Capacity: 120 L

Minimum Air Pressure Requirement: 6 kg/cm²

Other Configurations

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

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

Total Power Requirement: 60 kW

Overall Dimensions (Approx.): 25800 × 8500 × 5850 mm

