

Machine Name : 5 Axis Machining Center

Brand : DMG

Machine Model : DMU 50 eco

Stock No. : 69413

Ex-factory Date : 2012



Main Technical Parameters:

CNC System: Siemens 840D

Three-axis Travel (X/Y/Z): 500 × 450 × 400 mm

B-axis Tilting Range: -5° to +110°

B-axis Resolution: 0.001°

C-axis Rotation Range: 360° (Continuous Rotation)

Spindle:

Spindle Speed: 8,000 rpm

Spindle Motor Power: 13 kW (40% ED) / 9 kW (100% ED)

Spindle Taper: SK40 / BT40

Feed Parameters:

Rapid Traverse Rate (X/Y/Z): 12 m/min

(Some configurations can reach 24/46 m/min)

Cutting Feed Rate: 1–12,000 mm/min

Worktable & Tool Magazine:

Worktable Size: Approx. 630 × 500 mm (NC Swivel Rotary Table)

Worktable Load Capacity: 200 kg (up to 350 kg depending on configuration)

Tool Magazine Capacity: 16 tools

Max. Tool Diameter: Ø130 mm (Ø80 mm with adjacent pockets)

Max. Tool Length: 300 mm

Max. Tool Weight: 6 kg

Machine Specifications:

Machine Weight: Approx. 4,010 kg

Overall Dimensions (L×W×H): Approx. 2400 × 2200 × 2700 mm

Total Power Requirement: Approx. 18 kVA



