

Machine Name : 5 Axis Machining Center

Brand : DMG

Machine Model : DMU 80 monoBLOCK

Stock No. : 4810629

Ex-factory Date : 2010



Main Technical Parameters:

CNC System: Heidenhain

Three-axis travel: 980 × 630 × 630 mm

B-axis swing range: -120° to +30°

C-axis travel: 360°, continuous indexing

Worktable size: 1250 × 700 mm

Rotary worktable diameter: $\phi 700 \times 1250$ mm

Maximum clamping weight: 650 kg

II. Spindle System

Standard spindle speed: 18,000 rpm

Tool holder: HSK - A63

Spindle power: 14.9 kW (approximately 20.2 HP)

Fast moving rate (X/Y/Z): 50 m/min

III. Tool Magazine and Tools

Standard magazine capacity: 32 tools (60-tool chain-type magazine available as an option)

Maximum tool length/diameter/weight: 315 mm / 130 mm (empty tool position) / 8 kg

IV. Precision and Drive

Guideway Linear roller guideway with full-axis glass scales (resolution: 0.001 mm)

Acceleration: Standard 0.7g, suitable for high-speed mold machining

V. Overall Machine Specifications

Machine dimensions: 3900 × 2400 × 2900 mm

Machine weight: approximately 9,000 to 9,600 kg



