

Machine Name : 5 axes machining center

Brand : DMG

Machine Model : DMU-210P

Stock No. : 4812629

Ex-factory Date : 2009



Main Technical Parameters:

CNC System: Heidenhain iTNC 530 HSCI

Operation panel: DMG ERGOline 19-inch high-definition LCD screen

Three-axis travel: 2100 × 2100 × 1250 mm

Maximum spindle speed: 12000 rpm

Spindle taper: HSK-A63

Spindle cooling: 40 bar high-pressure through-spindle coolant

B-axis: $\pm 105^\circ$ (total travel 210°)

C-axis: 360° continuous rotation, 5-axis simultaneous control

Worktable size: $\phi 1700$ mm

Maximum workpiece diameter: 2500 mm

Maximum workpiece height: 1460 mm

Maximum table load: 8000 kg

Tools Magazine capacity: 60

Configuration:

Linear scales (glass scale feedback system)

Automatic chip conveyor

Functions:

3D graphic programming, 5-axis simultaneous machining, RTCP (tool center point control), high-precision interpolation

Application:

Aerospace structural components, large automotive molds, wind power parts, and large-scale precision 5-axis machining



