

Machine Name : 5 Axis Machining Center

Brand : DMG

Machine Model : DMU 100 P duoBLOCK

Stock No. : 813198

Ex-factory Date : 2015



Main Technical Parameters:

CNC System: HEIDENHAIN iTNC 530

Three-axis travel: 1000 × 1250 × 1000 mm

B-axis swing Angle: -30° to 180°

C-axis swing Angle: 360°

Main drive: Electric spindle

Spindle speed: 12,000 rpm

Power: 44 kW (40% load) / 32 kW (100% load)

Torque: 288 Nm

Tool holder interface: HSK-A100

Standard: DIN 69872

Magazine capacity: 40 tool positions

Tool changing method: Wheel-type tool magazine + double gripper

B-axis horizontal tool changer: controllable

The size of the NC rotary worktable is 1100 × 900 mm

Cooling system

Coolant tank: 980 L

Internal cooling pressure: 10-80 bar

Spindle center cooling: with

Configuration

Chip conveyor

Filtration system (with filter screen)

Transparent observation window

Optional functions

Spindle center air blow

Air gun

Renishaw probe PP60

3D quickset

Anti-collision protection system

Four-color warning lamp

Precision package

Tropical climate package

Electronic handwheel

ATC machining strategy (precision / surface / speed optimization)

Power-off protection

Network service

Messenger system

Service assistant



