

Machine Name : Turn-milling machining Center

Brand : DMG

Machine Model : DMU 160 FD duoBLOCK

Stock No. : 4812673

Ex-factory Date : 2021



Main Technical Parameters:

CNC System: Siemens SINUMERIK 840D sl Operate

Three-axis travel (X/Y/Z): 1600 × 1600 × 1100 mm

B-axis rotation range: -30° to +180°

C-axis rotation range: 360°

Spindle System

Spindle type: Electric spindle

Spindle speed: 12,000 rpm

Spindle power:

52 kW (40% duty cycle)

42 kW (100% duty cycle)

Spindle torque:

430 Nm (40% duty cycle)

300 Nm (100% duty cycle)

Spindle taper: HSK-A100

Milling head standard: DIN 69893 universal milling head

B-axis horizontal tool changer

Tool Magazing System

Double gripper tool changer

Tool magazine capacity: 63 tools

Tool magazine type: Vertical chain-type tool magazine

NC Milling & Turning Table

Worktable diameter: $\Phi 1600$ mm

Cooling & Chip Removal System

Coolant tank capacity: 980 L

Spindle center internal coolant system: 10 - 80 bar

Through-spindle coolant (TSC)

Chip conveyor

Transparent rotating observation window

Configuration Options

Spindle center air blow

Spray gun

Renishaw PP60 probe

3D QuickSET

Machine tool anti-collision protection system

Four-color signal tower light

Precision package

Rough machining package

Tropical climate package

Electronic handwheel (MPG)

ATC application adjustment cycle, programmable feed parameter selection (precision / surface quality / machining speed)

Power-off protection

Network service

Messenger service assistant

Operating hours: 3,933 hours



