

DMG DMU 80P MACHINING CENTER

YEAR: 2001
CNC: HEIDENHAIN
POWER-ON HOURS: 51,225
WORKING HOURS: 18,521

SPECIFICATIONS

Axis Travel and Dynamics
X-axis travel: 800 mm
Y-axis travel: 700 mm
Z-axis travel: 600 mm
Working feed rate (X, Y, Z): 20 – 15,000 mm/min
Rapid traverse (X, Y, Z): 40 m/min
Resolution / Positioning accuracy: 0.001 mm / 0.010 mm

NC Tilting-Rotary Work Table (5-Axis)
Workpiece surface (NC tilting-rotary table): Ø 630 mm
Tilting range (A-axis): -45° / +30°
Rotation (C-axis): 360° continuous (n×360°)
T-slots: 9 slots / 14 H7 (63 mm spacing)
Maximum permissible table load: 600 kg

Main Spindle & Drive System
Spindle speed range: 12,000 rpm
Tool interface: SK 40 (DIN 69871) / HSK-A63
Spindle motor power: up to 28 kW (at S3 40%)

Tool Changer and Integrated Accessories
Tool magazine capacity: 60 positions
Max. tool length / diameter: 350 mm / Ø 100 mm 160 mm, with adjacent positions left empty)
Maximum weight per individual tool: 10 kg
Chip conveyor: Included (with dedicated CE declaration no. 2,265,864)
Coolant system: Included (tank/filter tank, CE no. 93,100,392)

General Dimensions and Weights (taken from the manual)
Base machine weight: approx. 8,400 kg (up to 13,300 kg at full installed load)
Footprint (excluding chip conveyor): approx. 3,230 x 2,520 x 2,580 mm (W x D x H)
Footprint (including chip conveyor and tank): approx. 6,500 x 4,500 mm

The machine is supplied with manuals and a CE declaration of conformity.

All technical data provided are indicative and subject to change without notice; therefore, they should not be considered binding.