



5-AXIS MACHINING CENTRE - DMG DMU 50 EVOLUTION

Machining centres

Brand :	DMG
Model :	DMU 50 eVolution
Year :	2003
Serial number :	11045537724

TECHNICAL DETAILS & EQUIPMENT

- Number of axes: 5

MILLING SPINDLE

- Tool type: ISO40
- Spindle power: 25 [kW]
- Spindle speed: 18,000 [tr/min]

LINE AXES

- X/Y/Z axis travel: 500 / 450 / 400 [mm]
- Rapid feed speeds (X/Y/Z): 80 / 50 / 50 [m/min]

ROTARY AXIS A

- Stroke: 360 [°] (+/-)
- Indexing accuracy: 0.001 [°]

ROTARY AXIS B

- Stroke: 0 - 161.955 [°] (+/-)
- Indexing accuracy: 0.001 [°]

TOOL CHANGER

- Type of tool changer: Loader arm
- Tool magazine capacity: 64

TABLE

- Table size : 500 X 380 [mm]
- Weight capacity on table: 200 [kg]
- Distance table / spindle nose (min/max) : 560 [mm]

POWER SUPPLY

- Supply voltage: 400 [V]

- Installed capacity: 43 [kVA]

DIMENSIONS

- Floor dimensions : 3100 X 2732 [mm]
- Machine height: 2550 [mm]
- Machine weight: 6800 [kg]

MACHINE HOURS

- Hours worked: 29,253 [h]

Equipment

- CNC : Heidenhain iTNC530
- Remote electronic handwheel
- Direct measurement rules
- Irrigation tank: 900 [l]
- * with high pressure pump
- Spindle center watering
- Chip conveyor: Left
- Spindle cooling
- Loading robot: EROWA Easy Changei (10 pallets ITS 148)
- Tool holder : 30
- EROWA ITS 148 pallets : 10
- Electrical transformer: 400 / 400 [V]