

TECHNICAL DATA

5 – axis – simultane – machining center

Manufacture:	DMG
Type:	DMU – 100T monoBLOCK
Year of manufacture:	2008/2009
Control:	HEIDENHAIN – iTNC530 full 3-D
NC-rotary axis:	Ø 800 mm integrated at fixed table 1,500 mm x 800 mm
Travels:	X - 1,250 mm Y - 710 mm Z - 710 mm
Spindle hours:	only approx. 2,850 h



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■ Technical data

- spindle hours: only approx. 2,850 h
- main drive: motor spindle SK40 / 12,000 min⁻¹
- power: 15 kW (40% ED)
10 kW (100% ED)
- 5-axis simultane: control HEIDENHAIN – iTNC530 3-D
- NC-dividing head control LEHMANN type EA410
- NC-rotary axis: Ø 800 mm integrated at fixed table 1.500 mm x 800 mm
- controlled NC-swivel milling head (B-axis) incl. hydraulic clamp
- swivel range: -120/+30°

Equipment

- Tool holder SK40 DIN 69871
- 32 magazine places SK40
- Internal coolant system infrared, manufacture HEIDENHAIN TS 640 DMG SK40
- production package bar/23 40 1/min. (theoretical pump power) tank 600 l, paper band filter, rotating inspection glass, chip cleansing in working area door, IKZ through spindle centre form AD
- chip conveyor
- chip cleansing
- Scavenging gun with pump 1bar/40l/min.
- electronic hand wheel iTNC530
- operating mode 4 process monitoring in production, manual intervention with the door open
- documentation and screen display Germany
- tool holder approx. 25 pieces
- 1 workbench