



Inventory number: 22587

5-axis machining center
DMG DMU 80 monoBLOCK
HEIDENHAIN iTNC 530
2006



Technical data

Number of axis simultaneous	5
Rotary table:diameter	700 mm
Table length	1250 mm
Table width	700 mm
Number of T-channels	10
Distance of the T-slots	63 mm
T-channel width	14H7 mm
Centering bore diameter	50 mm
Table load max.	800 kg
Longitudinal travel (X-axis)	880 mm
Transversal travel (y-axis)	630 mm
Vertical travel (z axis)	630 mm
Dimension of the workpice:	
Height	550 mm
Diameter	850 mm
B axis swivelling range	+30 / -120 °
Holding torque of the table	2443 Nm
Tool magazine number of tool places	32 (2x16)
Tool diameter max.	130 mm
Tool lenght	315 mm
Max. tool-weight	8 kg
Spindle nose: HSK-A	63
Spindle speeds:	

stepless	
from	0 rpm
up to	18000 rpm
Rapid traverse:	30 m/min
Voltage 50 Hz 3x	400 Volt
Total power required	55 kVA
Noise level	80 dB (A)
Machine's weight about	9000 kg
Overall dimensions machine:	
Length	4200 mm
Width	3200 mm
Height	2500 mm
Various accessories:	
Coolant system	
Coolant through spindle (cts)	20 bar
Paper filter facility	
Touch Probe	HEIDENHAIN TS 640
Workpiece measurement	HEIDENHAIN
Chip conveyor	
Handwheel electroinic	
Lamp	
Oil mist extractor	IFE
Laser tool measurement	BLUM
Rotating viewing window	
Switch cabinet Air conditioner	































