MULLER MACHINES SA
top second hand and new precision machine tools

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SAM 019561 — DMG Type DMU 60 P hy-din

Group	5-axis machining center
Manufacturer	DMG
Type	DMU 60 P hy-din
Controller CNC	HEIDENHAIN MillPlus /3R-WorkMaster +3R-WorkShopManager
Year	2001



Number of axis simultaneous	5
Number of tables	1
Number of spindles	1
Circulary table diameter	630 mm
Number of T-channels	9
Distance of the T-slots	63 mm
T-channel width	14H7 mm
Centering bore diameter	50H6 mm
Longitudinal travel (X-axis)	600 mm
Transversal travel (y-axis)	700 mm
Vertical travel (z axis)	600 mm
Dimension of the workpice:	
Height	1000 mm
Diameter	920 mm
Table load max.	500 kg
Table divisions (B)	360 °
A axis	
Swivel angle (a-axis)	+45/-30 °
Holding torque A-axis	3866 Nm
Clamping torque C-axis	6'008 Nm
Torque max.	2650 Nm
Tool changer:	
Number of tools	180
Tool diameter	80 mm
Diameter with free adjacent pockets	160 mm
Tool lenght	350 mm
Max. tool-weight	10 kg
Spindle nose SK	40 DIN 69871
Spindle speeds:	
stepless	
up to	18000 t/min
Feeds:	
stepless	
longitudinal from	20 mm/min
up to	15000 mm/min
transversal from	20 mm/min
up to	15000 mm/min
vertical from	20 mm/min
up to	15000 mm/min
Rapid traverse:	40 m/min

Technical data and photographs without warranty.
Industriestrasse 22
CH-2555 Brügg BE / Switzerland
T +41 32 373 34 44
sales@mullermachines.ch
CHE-108.090.645 MWST

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Measurement system:	
Resolution	µm
Air connect	5 - 8 bar
Voltage 50 Hz 3x	400 Volt
Total power required	44 kVA
Noise level	80 dB (A)
Machine's weight about	7500 kg
Overall dimensions machine:	
Length	7500 mm
Width	4500 mm
Height	2628 mm

Various accessories:

Set of toolholders	SK 40 ca 150x
High pression colant device	40 bar
Coolant through spindle (cts)	
Tool setter Renishaw	
Lamp	
Rotating viewing window	
Switch cabinet Air conditioner	

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