

TECHNICAL DATA

Machine Type

5 Axes Vertical Machining Center	
Manufacturer:	DECKEL MAHO
Model:	DMU 50 eVolution (S/n: 11045530524)
Year of manufacture:	2002
Year of inspection:	2017
Control unit:	HEIDENHAIN iTNC-530

Technical Features

Axes' traverse

X axis traverse:	500 mm
Y axis traverse:	420 mm
Z axis traverse:	380 mm

Main drive

Speed range:	20 – 18000 r.p.m.
Spindle power (40/100 % ED):	35/25 kW
Spindle torque (40/100 % ED):	130/87 Nm

Feedrates

Feedrate (X/Y/Z):	20-20000 mm/min
Rapid feedrate (X/Y/Z):	50 m/min

Working table (Axes B+C)

Table dimensions:	Ø 500 x 380 mm
Maximum weight on table:	200 Kg
T slots (Number / Size / Tolerance):	7 / 14 mm / H7
C axis traverse:	360° (resol: 0,001°)
B axis traverse:	180° (resol: 0,001°)

Machine

Machine dimensions (LxWxH):	2683 x 5353 x 2470 mm
Machine weight:	5020 Kg

Cone	
Taper nose	SK 40 (DIN 69871 A)
Power supply	
Phases Frequency Voltage Power	3N PE~50/60Hz 400/230V 40 kW
Accesories	
Cooling through spindle system	
Automatic tool changer:	ATC-60
• Tool max. weight / Tool max. diameter:	6 Kg / 200 mm
Chip conveyor	
Electronic handwheel:	HR-410
High capacity cooling system:	Interlit SUK-200-900
Equipped with Renishaw probe interface	(probe not included)

Sale conditions

Sale price (Ex Work):	On request
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Picture



Deckel Maho – DMU 50 evolution