



Inventory number: 21375

5-axis machining center  
MIKRON HSM 400 U  
HEIDENHAIN iTNC 530  
2008



### Technical data

Time under power	72311 Hour
Operating time	57489 Hour
Working time	56279 Hour
Spindle run time	24040 Hour
Number of axis simultaneous	5
Rotary table:diameter	250 mm
Number of spindles	1
Table load max.	25 kg
Longitudinal travel (X-axis)	400 mm
Transversal travel (y-axis)	240 mm
Vertical travel (z axis)	350 mm
B axis swivelling range	+/-110 °
C axis	360 °
Table speed	250 rpm
Clamping torque C-axis	500 Nm
Torque max.	217 Nm
Pallets changing device:	EROWA ITS 148
numbers	20
Diameter	160 mm
Tool changer:	
Number of tools	68
Tool diameter max.	65 / 30 mm

Tool length	155 / 100 mm
Spindle nose: HSK	E40
Spindle speeds:	
stepless	
from	100 rpm
up to	42000 rpm
Work feed rate	1 - 40 m/min
Rapid traverse:	42 m/min
Air connect	6 bar
Voltage 50 Hz 3x	400 Volt
Spindle power	12 / 10 kW
Torque max.	8.8 / 6.5 Nm
Total power required	15 kW
Noise level	75 dB (A)
Machine's weight about	5500 kg
Overall dimensions machine:	
Length	2900 mm
Width	2400 mm
Height	2700 mm
Various accessories:	
Direct measuring system	
Set of toolholders	
Set of shrink tool holders	
Set of collets	
Coolant system	150 l
Water cooler	BURN
Infrared measuring sensor	m&h
Laser tool setting system	
Tool blow-off device	
Handwheel electroinic	
Set of milling cutters	
Lamp	
Centering divice with dial indicator	
Blow gun	
Interface Ethernet	
Interface USB	
Automatic central lubrication	
Fire extinguishing system	
Switch cabinet Air conditioner	
Status light	

























