

SAM 021375**MIKRON Type HSM 400 U**

Group	5-axis machining center
Manufacturer	MIKRON
Type	HSM 400 U
Controller CNC	HEIDENHAIN iTNC 530
Year	2008



Time under power	72311 Heures
Operating time	57489 Heures
Working time	56279 Heures
Spindle run time	24040 Heures
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 t/min
Clamping torque C-axis	500 Nm
Torque max.	217 Nm
Pallets chancing device:	EROWA ITS 148
numbers	20
Diameter	160 mm
Tool changer:	
Number of tools	68
Tool diameter max.	65 / 30 mm
Tool lenght	155 / 100 mm
Spindle nose: HSK	E40
Spindle speeds:	
stepless	
from	100 t/min
up to	42000 t/min
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



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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







