

**SAM 022738****MIKRON Type HPM 800 U**

<b>Group</b>	5-axis machining center
<b>Manufacturer</b>	MIKRON
<b>Type</b>	HPM 800 U
<b>Controller CNC</b>	HEIDENHAIN iTNC 530
<b>Youtube video</b>	<a href="https://youtu.be/WBpqrmiyN94">https://youtu.be/WBpqrmiyN94</a>



Number of axis simultaneous	5
Table length	630 mm
Table width	440 mm
Number of T-channels	5
Distance of the T-slots	100 mm
T-channel width	16 mm
Table load max.	800 kg
Maximum swing circle of up to	800 mm
Longitudinal travel (X-axis)	800 mm
Transversal travel (y-axis)	800 mm
Vertical travel (z axis)	550 mm
A axis	+91 / -121°
C axis	360°
Resolution	°
Tool changer:	
Number of tools	115
Tool diameter max.	80 mm
Diameter with free adjacent pockets	160 mm
Tool lenght	350 mm
Max. tool-weight	8 kg
Spindle nose: HSK-A	63
Distance spindle nose to table	600 mm
Spindle speeds:	
stepless	
from	0 t/min
up to	20000 t/min
Feed range	0 - 20000 mm/min
Rapid traverse:	45 m/min
Acceleration	6 m/s
Max. Feed force	6000 N
Air connect	6 bar
Voltage 50 Hz 3x	400 Volt
Total power required	55 kW
Noise level	75 dB (A)
Machine's weight about	15000 kg
Overall dimensions machine:	
Length	3505 mm
Width	3100 mm
Height	2980 mm

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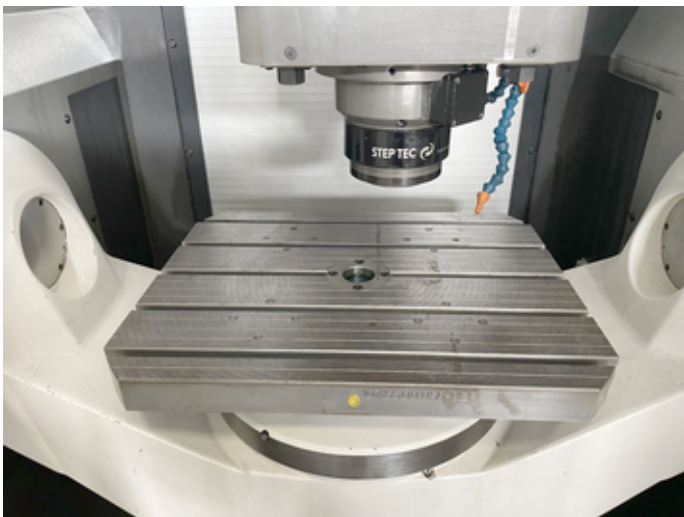
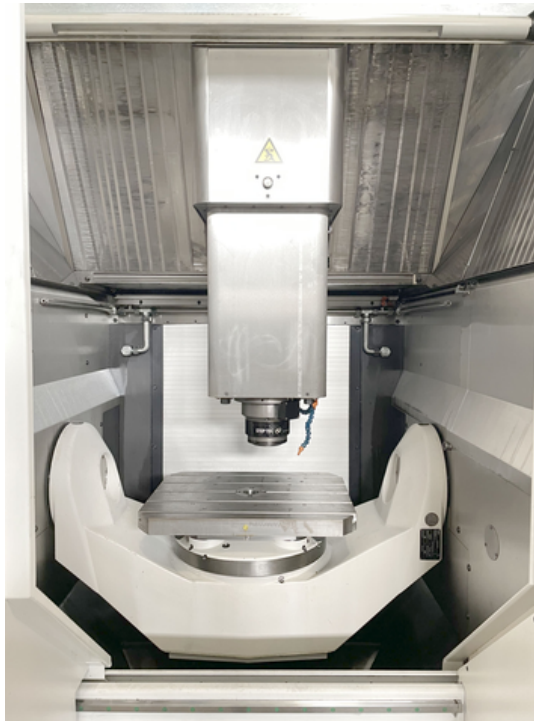
**Various accessories:**

Set of toolholders  
 Set of shrink tool holders  
 Set of collet-/ tool holder  
 Set of collets  
 High pressure colant device  
 Paper filtration system  
 Water cooler  
 Touch Probe  
 Laser tool setting system  
 Chip conveyor  
 Pallets changing device:  
   Pallets: number  
 Handwheel electroinic  
 Tool cabinet  
 Reference ball

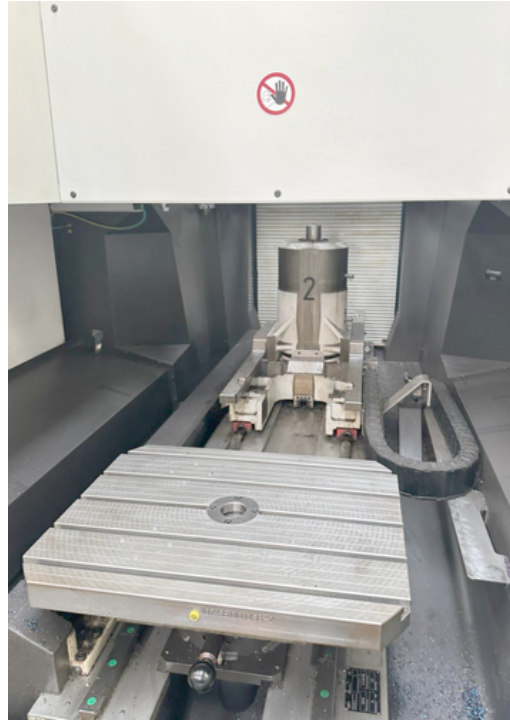
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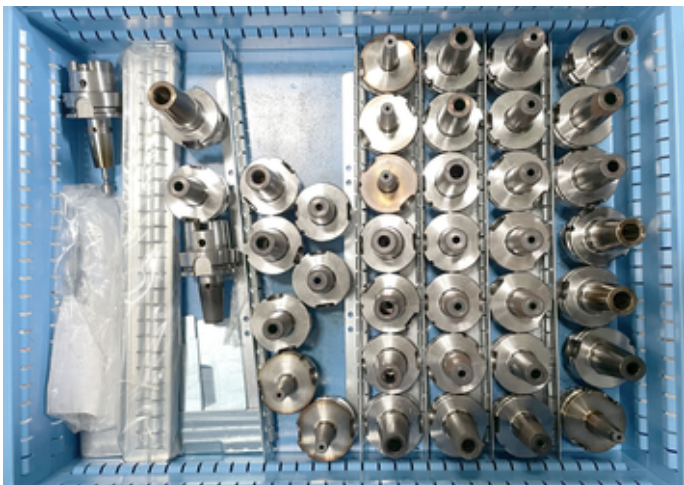
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