MULLER MACHINES SA
top second hand and new precision machine tools

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SAM 023049 **KERN Type HSPC**

Group	5-axis machining center
Manufacturer	KERN
Type	HSPC
Controller CNC	HEIDENHAIN TNC 426 M
Year	2001

Number of axis total	5
Longitudinal travel (X-axis)	250 mm
Transversal travel (y-axis)	220 mm
Vertical travel (z axis)	250 mm
Swivel angle (a-axis)	-100 / +100 °
Tool magazine number of tool places	32
Tool diameter max.	50 mm
Tool lenght	75 mm
Time of tool changing	3 s
Average chip-to-chip time	7 s
Spindle nose: HSK-A	25
Spindle speeds:	
stepless	
from	300 t/min
up to	20000 t/min
Feed range	0 - 6000 mm/min
Rapid traverse:	6 m/min
Air connect	6 bar
Voltage 50 Hz 3x	400 Volt
Total power required	8 kW
Machine's weight about	2800 kg
Overall dimensions machine:	
Length	1957 mm
Width	1500 mm
Height	2100 mm
Dimensions electric cabinet:	
Length	1000 mm
Width	600 mm
Height	2100 mm

Various accessories:

Set of toolholders	
Coolant system	42 l
Touch Probe	
Laser tool setting system	
Dividing attachment 4th and 5th axis	
Handwheel electroinic	
Lamp	
Oil mist extractor	
Interface serial port RS 232	

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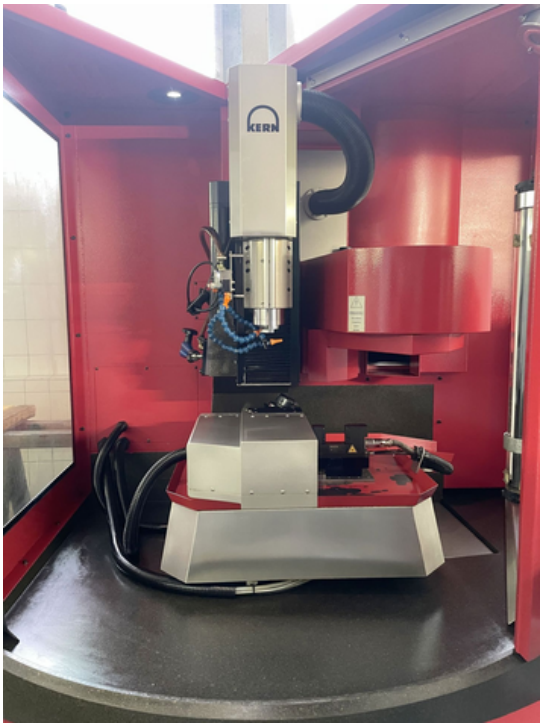

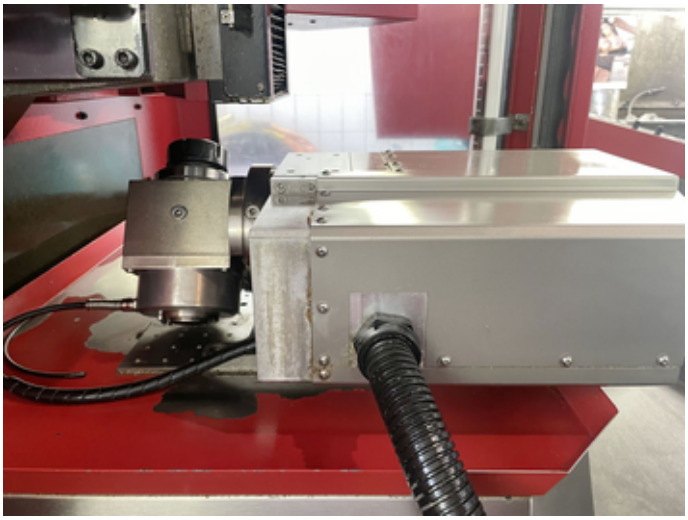

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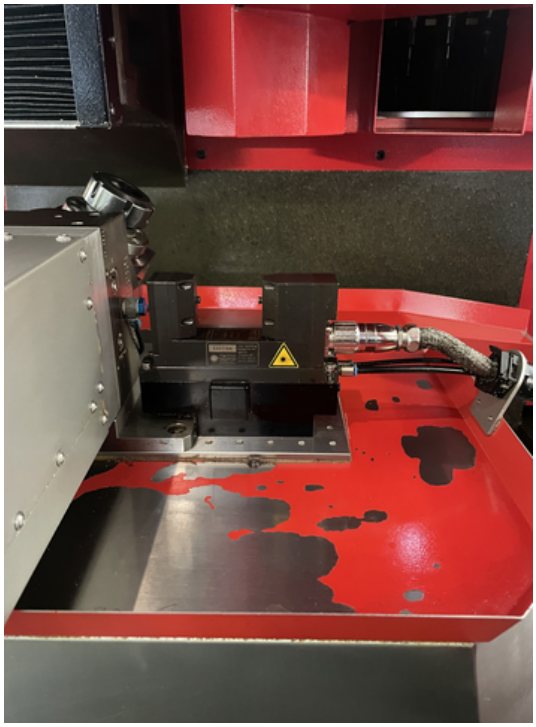

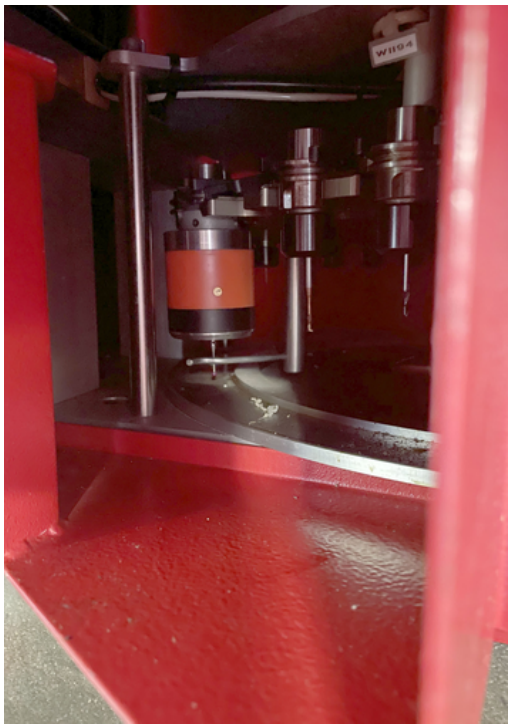

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