MULLER MACHINES SA
top second hand and new precision machine tools

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SAM 022077 **HEDELIUS Type RS 60 MAGNUM-2000**

Group	5-axis machining center
Manufacturer	HEDELIUS
Type	RS 60 MAGNUM-2000
Controller CNC	SIEMENS SINUMERIK
Year	2009
Youtube video	https://youtu.be/h4D9L4P2ZXs

Time under power	37627 Heures
Operating time	15344 Heures
Number of axis total	3 / 5
Table length	1200 mm
Table width	600 mm
Circulary table diameter	680 mm
Table load max.	300 kg
Longitudinal travel (X-axis)	2000 (600) mm
Transversal travel (y-axis)	620 mm
Vertical travel (z axis)	520 mm
Swivel angle (a-axis)	+15 / -95 °
Tool magazine number of tool places	56
Tool diameter max.	80 mm
Tool lenght	330 mm
Max. tool-weight	8 kg
Time of tool changing	3 s
Spindle nose SK	40 DIN 69871
Distance spindle nose to table	100 - 620 mm
Milling spindle speeds:	
Milling spindle:	
stepless	
from	50 t/min
up to	12000 t/min
Torque max.	121 Nm
Feed range	0 - 45000 mm/min
Rapid traverse:	45 m/min
Max. Feed force	7000 N
Voltage 50 Hz 3x	400 Volt
Total power required	25 kVA
Noise level	77 dB (A)
Machine's weight about	11000 kg
Overall dimensions machine:	
Length	5400 mm
Width	4300 mm
Height	3000 mm

Various accessories:

Set of toolholders

Full splash cabin

Coolant system	1250 l

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High pression colant device	80 bar
Air blast through milling spindle	
Paper filtration system	
Touch Probe Renishaw	
Chip conveyor	
Handwheel electroinic	
Oil mist extractor	
Full enclosure workspace cowl	
Switch cabinet Air conditioner	

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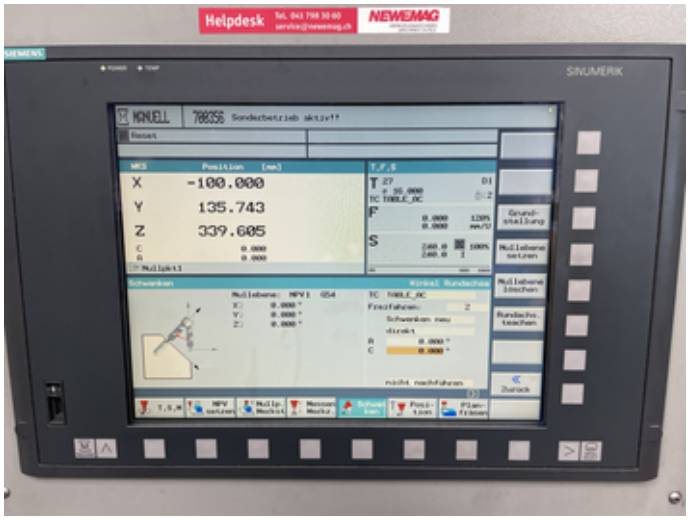

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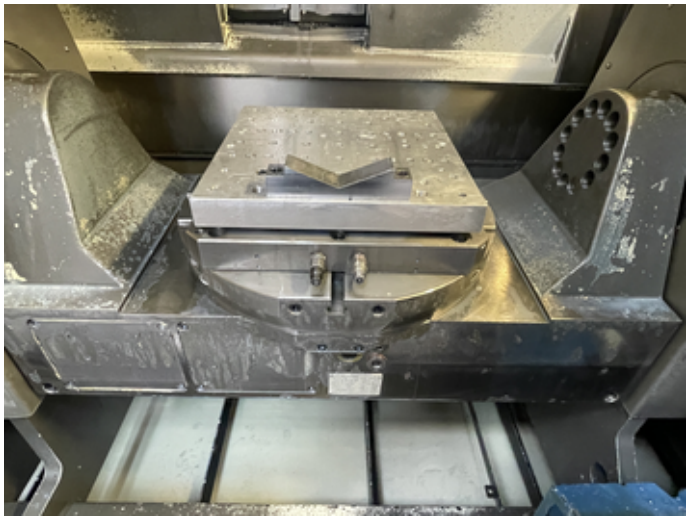

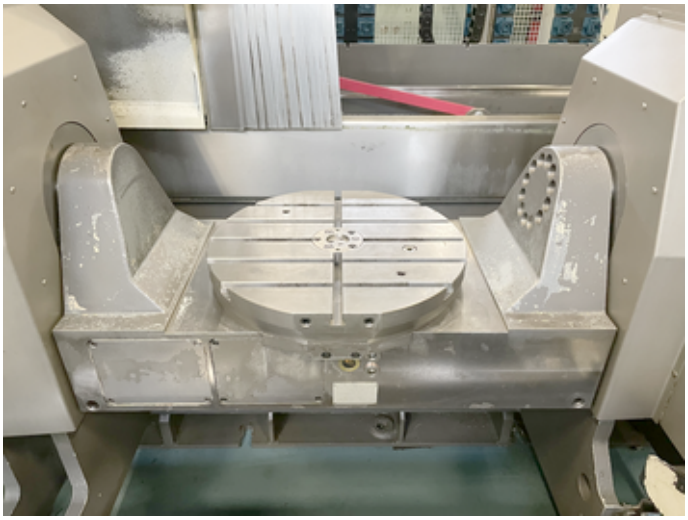

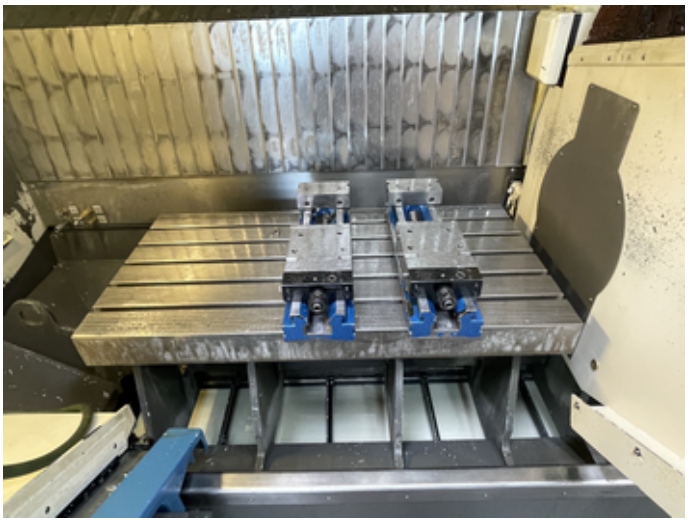

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