MULLER MACHINES SA
top second hand and new precision machine tools

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SAM 023301 **HERMLE Type C 42 U**

Group	5-axis machining center
Manufacturer	HERMLE
Type	C 42 U
Controller CNC	HEIDENHAIN TNC 530
Year	2014

Number of axis total	5
Table length	400 mm
Table width	400 mm
Number of T-channels	5
T-channel width	14H7 mm
Table load max.	450 kg
Longitudinal travel (X-axis)	800 mm
Transversal travel (y-axis)	800 mm
Vertical travel (z axis)	550 mm
Swivel angle (a-axis)	+/- 130 °
Table speed	30 t/min
Tool changer:	42

Addet tool-holder magazine

Number of tools	160
Spindle nose: HSK-A	63
Spindle speeds:	
from	0 t/min
up to	18000 t/min
Rapid traverse: long.	45 m/min
Rapid traverse: transversal	45 m/min
Rapid traverse: vertical	40 m/min
Air connect	6 bar
Voltage 50 Hz 3x	400 Volt
Spindle power	42 kW
Torque max.	148 Nm
Total power required	37 kVA
Machine's weight about	13500 kg
Overall dimensions machine:	
Length	5000 mm
Width	2450 mm
Height	3200 mm

Various accessories:
Addet tool-holder magazine

Number of tool places	160
Coolant through spindle (cts)	80 bar
Air blast through milling spindle	
Rotating viewing window	

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Interface serial port RS 232
Interface Ethernet
Interface USB
Switch cabinet Air conditioner

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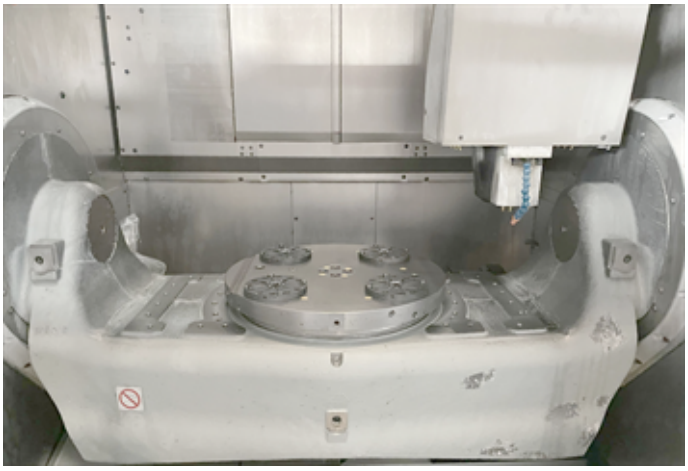

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