

SAM 023301**HERMLE Type C 42**

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



Number of axis total	5
Circular table diameter	440 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:	
Number of tools	42
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	
Interface serial port RS 232	
Interface Ethernet	
Interface USB	
Switch cabinet Air conditioner	



