



Inventory number: 22120

5-axis machining center  
HERMLE C 42 U  
HEIDENHAIN TNC 530  
2011



### Technical data

Operating time	43135 Hour
Spindle run time	7500 Hour
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
Maximum swing circle of up to	990 mm
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 rpm
Tool magazine number of tool places	42 +160
Spindle nose: HSK-A	63
Spindle speeds:	
stepless	
from	0 rpm
up to	18000 rpm
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	
Paper filtration system	
Feeler Renishaw	
Tool break control	BLUM
Chip conveyor	
NC Rotary and swiveling table	
Oil mist extractor	
Rotating viewing window	
Interface serial port RS 232	
Interface Ethernet	
Interface USB	
Switch cabinet Air conditioner	
Notes:	
Spindle changed	2016

























