



Inventory number: 22588

5-axis machining center  
HERMLE C 800 U  
HEIDENHAIN TNC 430  
2000



### Technical data

Number of axis total	5
Table length	800 mm
Table width	370 mm
Circularity table diameter	280 mm
Number of T-channels	4
T-channel width	14 mm
Table load max.	100 kg
Longitudinal travel (X-axis)	800 mm
Transversal travel (y-axis)	600 mm
Vertical travel (z axis)	500 mm
Dimension of the workpiece:	
Height	215 mm
Diameter	280 mm
Table load max.	200 kg
Table divisions (B)	360 °
Swivel angle (a-axis)	+/-90 °
Table divisions (C)	360 °
Table speeds:	
up to	15 rpm
Pallets:	
numbers	5
Length	350 mm
Width	350 mm
Tool changer:	
Number of tools	30
Tool diameter	80 mm

Diameter with free adjacent pockets	125 mm
Tool length	300 mm
Max. tool-weight	8 kg
Spindle nose: ISO	40
Spindle speeds:	
stepless	
from	20 rpm
up to	8000 rpm
Feed range	1 - 30000 mm/min
Feeds:	
Rapid traverse:	35 m/min
Air connect	6 bar
Voltage 50 Hz 3x	400 Volt
Spindle motor	15 / 10 kW
Total power required	31 kVA
Noise level	78 dB (A)
Machine's weight about	8500 kg
Overall dimensions machine:	
Length	2700 mm
Width	2210 mm
Height	2930 mm
Space requirement env.	5 m <sup>2</sup>
Various accessories:	
Coolant system	300 l
Touch Probe Renishaw	
Interface serial port RS 232	
Interface Ethernet	
Switch cabinet Air conditioner	



















