



Inventory number: 21583

3-axis machining center
MIKRON HPM 600 HD
HEIDENHAIN iTNC 530
2021



Technical data

Number of axis simultaneous	3
Number of tables	1
Number of spindles	1
Table length	800 mm
Table width	600 mm
Distance of the T-slots	63 mm
T-channel width	14H7 mm
Table load max.	500 kg
Longitudinal travel (X-axis)	600 mm
Transversal travel (y-axis)	600 mm
Vertical travel (z axis)	500 mm
Tool changer:	
Number of tools	60
Tool diameter max.	80 mm
Diameter with free adjacent pockets	130 mm
Tool lenght	300 mm
Max. tool-weight	6.5 kg
Spindle nose: HSK-A	63
Spindle speeds:	
stepless	

from	0 rpm
up to	20000 rpm
Rapid traverse: long.	40 m/min
Rapid traverse: transversal	40 m/min
Rapid traverse: vertical	30 m/min
Air connect	6 bar
Voltage 50 Hz 3x	400 Volt
Machine's weight about	12500 kg
Overall dimensions machine:	
Length	3514 mm
Width	2293 mm
Height	3037 mm
Various accessories:	
Workpiece changer	
Coolant system	
Coolant through spindle (cts)	18 - 70 bar
Paper filter facility	
Touch Probe	
Infrared measuring sensor	
Chip conveyor	
Carriage for chips	
Lamp	
Oil mist extractor	
APS Advanced Process System	
ITC Intelligent Thermal Control	









