



Technical data

MIKRON HPM 600U / MIKRON HPM 600U HD

MIKRON HPM 800U / MIKRON HPM 800U HD

		MIKRON HPM 600U	MIKRON HPM 800U		
Working range					
Longitudinal	X mm	650	800		
Cross	Y mm	650	800		
Vertical	Z mm	550	550		
A-axis	mm	+91/-121°	+91/-121°		
C-axis	mm	n x 360°	n x 360°		
Number of simultaneous axis	pce.	5 axis/5 simultaneous	5 axis/5 simultaneous		
Feed Drives					
Feed rate / HD	Rapid traverse	X, Y, Z	m/min	45 / 60	45 / 60
		A,C	min ⁻¹	25, 35 / 50, 60	25, 35 / 50, 60
Working spindle					
Working spindle 20,000	Spindle power 40% ED	kW	39	39	
HSK A63	Spindle torque 40% ED	Nm	84	84	
Working spindle 28,000	Spindle power 40% ED	kW	36	36	
HSK A63	Spindle torque 40% ED	Nm	36	36	
Accuracy XYZ ISO 230-2[97]					
Accuracy	A	μ	8	8	
Repeatability	R	μ	5	5	
Work table					
Clamping surface	mm	Ø 500 / Ø 630	Ø 500 / Ø 630		
Max. workpiece weight	kg	500/800	500/800		
Automation					
Tool magazine	Positions	30, 60, 115, 165, 210, 245	30, 60, 115, 165, 210, 245		
Laser tool measurement		Option	Option		
Infrared touch probe		Option	Option		
Weight					
Machine weight	kg	15,000	15,000		
Options					
Automatical cabine roof		•	•		
Coolant sump, chip conveyor		•	•		
Minimum-quantity cooling lubrication		•	•		
Mist extraction unit, etc.		•	•		
Compressed air blow through spindle		•	•		
Ancillary services					
Programming courses		•	•		
Technology courses		•	•		
Service training courses		•	•		

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The technical data and illustrations are not binding.
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MIKRON HPM 600U
MIKRON HPM 800U
30 tools

MIKRON HPM 600U
MIKRON HPM 800U
2 pallets
60 tools

MIKRON HPM 600U
MIKRON HPM 800U
7-12 pallets
115 - 210 tools

MIKRON HPM 600U
MIKRON HPM 800U
7-12 pallets
245 tools

