

SAM 022991**MIKRON Type VCE 800 Pro**

Group	Vertical machining center
Manufacturer	MIKRON
Type	VCE 800 Pro
Controller CNC	HEIDENHAIN TNC 426
Year	2002



Number of axis total	3
Number of spindles	1
Table length	1000 mm
Table width	560 mm
Number of T-channels	5
Distance of the T-slots	100 mm
T-channel width	18 mm
Table load max.	1350 kg
Longitudinal travel (X-axis)	860 mm
Transversal travel (y-axis)	560 mm
Vertical travel (z axis)	600 mm
Tool changer:	
Number of tools	24
Tool diameter max.	77 mm
Tool lenght	305 mm
Max. tool-weight	6 kg
Time of tool changing	6 s
Average chip-to-chip time	8 s
Spindle nose SK	40
Pull-Studs	DIN 69872 Form B
Spindle speeds:	
stepless	
from	30 t/min
up to	8000 t/min
Rapid traverse: long.	24 m/min
Rapid traverse: transversal	24 m/min
Rapid traverse: vertical	20 m/min
Voltage 50 Hz 3x	400 Volt
Spindle motor	12 kW
Spindle power	18.5 / 22 kW
Total power required	42 kW
Noise level	78 dB (A)
Machine's weight about	5000 kg
Overall dimensions machine:	
Length	3200 mm
Width	2300 mm
Height	2800 mm
Various accessories:	
Set of toolholders	
Coolant system	270 l

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Handwheel electronic
Lamp
Boring head
Status light





