MULLER MACHINES SA
top second hand and new precision machine tools

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SAM 021763 **MIKRON Type VCP 710**

Group	3-axis machining center
Manufacturer	MIKRON
Type	VCP 710
Controller CNC	HEIDENHAIN TNC 426/430
Youtube video	https://youtu.be/w_PDiZw_nq4

Number of axis total	3
Table length	900 mm
Table width	600 mm
Longitudinal travel (X-axis)	710 mm
Transversal travel (y-axis)	550 mm
Vertical travel (z axis)	500 mm
Table load max.	1600 kg
Tool changer:	
Number of tools	30
Tool diameter	90 mm
Diameter with free adjacent pockets	140 mm
Tool lenght	300 mm
Max. tool-weight	8 kg
Time of tool changing	5 s
Spindle nose: ISO	B40
Spindle speeds:	
from	100 t/min
up to	12000 t/min
Feeds:	
stepless	
longitudinal from	1 mm/min
up to	15000 mm/min
transversal from	1 mm/min
up to	15000 mm/min
vertical from	1 mm/min
up to	1 mm/min
Feed range	10000 mm/min
Rapid traverse: long.	30 m/min
Rapid traverse: transversal	30 m/min
Rapid traverse: vertical	20 m/min
Voltage 50 Hz 3x	400 Volt
Spindle motor	12 kW
Total power required	40 kW
Noise level	75 dB (A)
Machine's weight about	10000 kg
Overall dimensions machine:	
Length	3085 mm
Width	2270 mm
Height	3055 mm

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Various accessories:
Coolant system
Touch Probe Renishaw
Chip conveyor
Lamp

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