

SAM 020708**AXA Type VHC-50-6000-M/2E**

Group	4-axis machining center
Manufacturer	AXA
Type	VHC-50-6000-M/2E
Controller CNC	SIEMENS SINUMERIK 840 D
Year	2003
Youtube video	https://youtu.be/zuqf6pu1rjQ



Number of axis total	4
Table length	6400 mm
Table width	1000 mm
Longitudinal travel (X-axis)	6000 mm
Transversal travel (y-axis)	1000 mm
Vertical travel (z axis)	1140 / 1200 mm
B axis swivelling range	+/-90 °
Milling head divisions (B)	0.001 °
Tool magazine number of tool places	80
Tool diameter max.	100 mm
Diameter with free adjacent pockets	180 mm
Tool lenght	400 mm
Max. tool-weight	15 kg
Time of tool changing	6 s
Spindle nose: HSK-A	100
Spindle speeds:	
stepless	
from	45 t/min
up to	9000 t/min
Feeds:	
longitudinal from	1 mm/min
up to	9999 mm/min
transversal from	1 mm/min
up to	9999 mm/min
vertical from	1 mm/min
up to	9999 mm/min
Rapid traverse: long.	20 m/min
Rapid traverse: transversal	20 m/min
Rapid traverse: vertical	15 m/min
Air connect	6 bar
Voltage 50 Hz 3x	400 Volt
Spindle motor	24 / 45 kW
Total power required	80 kVA
Machine's weight about	48000 kg
Overall dimensions machine:	
Length	11500 mm
Width	4300 mm
Height	4500 mm

Various accessories:



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Coolant system
Direct measuring system X, Y and Z axis
Chip conveyor
Orientable vertical milling head CN
Oil mist extractor





