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top second hand and new precision machine tools

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SAM 022602 **SCHAUBLIN Type 51 5AX CNC**

Group	5-axis machining center
Manufacturer	SCHAUBLIN
Type	51 5AX CNC
Controller CNC	HEIDENHAIN iTNC 530
Year	2011
Youtube video	https://youtu.be/4-uRl-T67ek

Time under power	73217 Heures
Operating time	71454 Heures
Working time	19844 Heures
Spindle run time	18289 Heures
Number of axis simultaneous	5
Rotary table:diameter	210 mm
Longitudinal travel (X-axis)	300 mm
Transversal travel (y-axis)	400 mm
Vertical travel (z axis)	430 mm
Position accuracy	mm
Table load max.:	
vertical	50 kg
Horizontal	75 kg
Swivel angle (a-axis)	+ 30 / -120° °
Table rotation angle (c-axis)	360 °
Tool magazine number of tool places	20
Tool diameter	80 mm
Diameter with free adjacent pockets	95 mm
Tool lenght	250 mm
Max. tool-weight	6 kg
Time of tool changing	3 s
Spindle nose: HSK-A	63
Distance from vertical	
spindle to table	45 - 475 mm
Distance from spindle-center to vertical slide	470 mm
Spindle speeds:	
stepless	
from	0 t/min
up to	20000 t/min
Feed range	12000 mm/min
Rapid traverse:	30 m/min
Air connect	6 bar
Voltage 50 Hz 3x	400 Volt
Spindle motor	23 kW
Machine's weight about	5750 kg
Overall dimensions machine:	
Length	2700 mm
Width	1800 mm
Height	2600 mm

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Various accessories:
Coolant system
Water cooler
Oil mist extractor
Rinsing Guns

FX4000

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