



Inventory number: 22602

5-axis machining center  
SCHAUBLIN 51 5AX CNC  
HEIDENHAIN iTNC 530  
2011



### Technical data

Time under power	73217 Hour
Operating time	71454 Hour
Working time	19844 Hour
Spindle run time	18289 Hour
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	0.007 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 sec
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 rpm
up to	20000 rpm
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
Various accessories:	
Coolant system	
Water cooler	
Oil mist extractor	FX4000
Rinsing Guns	









