MULLER MACHINES SA
top second hand and new precision machine tools

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SAM 023224 **MAKINO Type A 88e-A 188**

Group	Horizontal machining center
Manufacturer	MAKINO
Type	A 88e-A 188
Controller CNC	FANUC 16 Professional 3
Year	2003



Number of tables	2
Table length	630 mm
Table width	630 mm
Longitudinal travel (X-axis)	800 mm
Transversal travel (y-axis)	750 mm
Vertical travel (z axis)	770 mm
Spindle nose: HSK-A	100
Spindle speeds:	
stepless	
from	20 t/min
up to	10000 t/min
Voltage 50 Hz 3x	400 Volt
Spindle motor	30 kW
Machine's weight about	18000 kg
Overall dimensions machine:	
Length	6430 mm
Width	3650 mm
Height	3000 mm
Space requirement env.	40 / 24 m2

Various accessories:
Set of toolholders

Technical data and photographs without warranty.
Industriestrasse 22
CH-2555 Brügg BE / Switzerland
T +41 32 373 34 44
sales@mullermachines.ch
CHE-108.090.645 MWST

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