



Inventory number: 23223

Horizontal machining center
MAKINO A 77-A 188
FANUC 16 Professional 3
2001



Technical data

Number of axis total	4
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
Tool changer:	
Number of tools	188
Spindle nose: HSK-A	100
Spindle speeds:	
stepless	
from	20 rpm
up to	10000 rpm
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
Various accessories:	
Set of toolholders	
Years of construction	1998 / 2001 / 2003
Machine ex. location	



















