



Inventory number: 22529

3-axis machining center
MAKINO V 33i Graphite
MAKINO PROFESIONAL 5
2014



Technical data

Spindle run time	50952 Hour
Number of axis total	3
Table length	750 mm
Table width	450 mm
Number of T-channels	4
Distance of the T-slots	100 mm
T-channel width	18H8 mm
Table load max.	300 kg
Longitudinal travel (X-axis)	650 mm
Transversal travel (y-axis)	450 mm
Vertical travel (z axis)	350 mm
Dimension of the workpice:	
Length	750 mm
Width	635 mm
Height	250 mm
Tool magazine number of tool places	60
Tool diameter max.	80 mm
Tool lenght	250 mm
Max. tool-weight	7 kg
Time of tool changing	4.8 sec

Spindle nose: HSK	E50
Distance spindle nose to table	150 - 500 mm
Spindle speeds:	
stepless	
from	300 rpm
up to	30000 rpm
Torque max.	23.1 Nm
Feed range	1 - 20000 mm/min
Rapid traverse:	20 m/min
Air connect	4 - 8 bar
Voltage 50 Hz 3x	400 Volt
Spindle power	17/13 kW
Total power required	50 kVA
Machine's weight about	8200 kg
Overall dimensions machine:	
Length	3150 mm
Width	2600 mm
Height	2800 mm
Various accessories:	
High column z-axis	100 mm
Handwheel electroinic	
Lamp	
Air dryer	
Automatic setting tool	MARPOSS
Automatic non-contact measuring device	BLUM
Spindlecooling	
Coolant temperature controller	
Automatic sliding door	
Interface Ethernet	
Interface USB	
Loader interface	
Status light	
Notes:	
Spindle refurbished	2022





