



Inventory number: 23041

4-axis machining center
HÜLLER HILLE BLUESTAR 5
GE FANUC Series 21i-MB
2007



Technical data

Number of axis total	4
Longitudinal travel (X-axis)	700 mm
Transversal travel (y-axis)	630 mm
Vertical travel (z axis)	700 mm
Dimension of the workpiece:	
Length	750 mm
Width	700 mm
Table load max.	500 kg
Table divisions (B)	0.001 °
Table speed	30 rpm
Holding torque A-axis	4000 Nm
Tilting moment	8000 Nm
Pallets:	
Length	500 mm
Width	500 mm
Pallet weight	150 kg
Time of changing palets	7 sec
Transport weight	500 kg
Tool changer:	
Number of tools	130

Tool diameter max.	80 mm
Diameter with free adjacent pockets	150 mm
Tool length	350 mm
Max. tool-weight	10 kg
Time of tool changing	2.5 - 4.5 sec
Average chip-to-chip time	4 sec
Spindle nose: HSK-A	63
Spindle speeds:	
stepless	
from	1 rpm
up to	10000 rpm
Feed range	1 - 50000 mm/min
Rapid traverse:	50 m/min
Acceleration	7 m/s
Max. Feed force	5000 N
Air connect	6 bar
Voltage 50 Hz 3x	400 Volt
Spindle power	30 / 18 kW
Torque max.	202 Nm
Total power required	27 kVA
Machine's weight about	12500 kg
Overall dimensions machine:	
Length	4000 mm
Width	3000 mm
Height	3000 mm
Various accessories:	
Direct measuring system	
Set of toolholders	
Coolant system	
Paper filtration system	
Chip conveyor	
Rotating viewing window	













