



Inventory number: 22586

CNC Turning-Milling-Drilling Center  
MAZAK INTEGREGX 400-3S  
Mazatrol PC Fusion CNC 640MT Pro  
2004



### Technical data

Number of axis total	6
Number of spindles	2
Number of milling heads	1
Distance between centres	1500 mm
Swing diameter	760 mm
Maximum turning length	1524 mm
Max. turning diameter	760 mm
Max. bar diameter	102 / 77 mm
Tool magazine number of tool places	40
Tool diameter max.	90 mm
Diameter with free adjacent pockets	125 mm
Tool length	400 mm
Main spindle:	
Spindle nose	A2-8
Internal spindle diameter	112 mm
C axis (spindle,resolution)	0.001 °
Spindle speeds:	
stepless	
from	35 rpm
up to	3300 rpm
Spindle power	30 kW
Torque max.	1200 Nm
Back spindle:	
Spindle nose	A2-8
Spindle hole	88 mm
max. speed	35 - 4000 rpm
C axis (spindle,resolution)	0.001 °
Power of back spindle	26 / 22 kW

Torque max.	500 Nm
Milling spindle:	
Milling spindle receptacle	CAPTO C6
Milling cutter speeds	15 - 12000 rpm
Spindle torque	120 Nm
Drive milling spindle	18.5 kW
B axis swivelling range	-30 / +195 °
B axis resolution max.	0.0001 °
Travels:	
X axis	630 mm
Y axis	+ / - 115 mm
Z axis	1585 mm
Feeds	0 - 8000 mm/min
Rapid traverse X	38 m/min
Rapid traverse Z	38 m/min
Rapid traverse Y	26 m/min
Time under power	35000 Hour
Machine's weight about	13300 kg
Required floor space	5110 x 2196 mm
Overall dimensions machine:	
Height	2798 mm
Various accessories:	
Linear scale system for X-axis	
3-jaw chuck diameter	Forkhardt 400 mm
3-jaw chuck diameter (back spindle)	Forkhardt 315 mm
Hydraulic chuck	
Lamp	
Spindle blow out (backspindle)	
Air blast through milling spindle	
Coolant system	444 l
Coolant through the milling head	15 bar
Main and back spindle synchronization	
Interface serial port RS 232	
Interface PCMCIA card	
Synchronized tapping	
Chip conveyor	
Foot pedal	











