



Inventory number: 22715

5-axis machining center
CHIRON FZ 08 KS Magnum
GE Fanuc Series 18i-MB5
2007



Technical data

Number of axis total	5
Number of spindles	1
Longitudinal travel (X-axis)	450 mm
Transversal travel (y-axis)	270 mm
Vertical travel (z axis)	310 mm
Drill capacity	12 mm
Max. tapping diameter M	8
Tool changer:	
Number of tools	24
Tool diameter max.	47 mm
Diameter with free adjacent pockets	100 mm
Tool lenght	160 mm
Max. tool-weight	1.2 kg
Time of tool changing	0.8 / 2.3 sec
Average chip-to-chip time	2.2 sec
Spindle nose: HSK-A	40 DIN 69893
Spindle speeds:	
from	0 rpm
up to	36000 rpm

Rapid traverse:	75 m/min
Air connect	6 bar
Voltage 50 Hz 3x	400 Volt
Spindle motor	7 kW
Total power required	14 kW
Total power required	19 kVA
Machine's weight about	3400 kg
Overall dimensions machine:	
Length	2308 mm
Width	1405 mm
Height	2447 mm

Various accessories:

Tool break control

Interface serial port RS 232

Switch cabinet Air conditioner

Status light





225-97

IND-MV107

GE Fanuc Series 18i-MB5

POSITION PRESENTE 00001 N01101

(RELATIF)		(ABSOLU)		(MACHINE)	
X	-81.7600	X	143.2095	X	-81.7600
Y	-53.5734	Y	110.5132	Y	-53.5734
Z	-16.0000	Z	227.9591	Z	-16.0000
B	0.0000	B	0.0000	B	0.0000
C	0.0000	C	0.0000	C	0.0000

(MODAL)
G00 G40 G54 F M
G17 G49 G64 M
G90 G80 G69 H M
G22 G98 G15 D T F
G94 G50 G25 S
G21 G67 G13.1 SACT A

PIECE COUNT 26
TEMPS OPER10917025H TEMPS CYCL BR 0H 05
S B T0000000
JOG *** ** ** ** 15:44:32
ABSOLU RELATI TOUS (OPRI)

ALPHA A, B, C, 7, 8, 9
D, E, F, G, H, 4, 5, 6
I, J, K, L, M, 1, 2, 3
N, O, P, Q, R, PK1, PK2, PK3, PK4
S, T, U, V, W, EOB, ALTO, RAJOUT, T PAGE, I, -
X, Y, Z, SHIFT, DEL, CAN, INPUT, S

AUTO, EDIT, MC, RESET, HOLD, M0, M1, M2, M3, M4, M5, M6, M7, M8, M9
STOP, FEED, OVL, TEACH, X1, X10, X100, X1000, X, Y, Z
B, C, U, V, W, +, -

Emergency stop (red and yellow buttons)
Power on (green button)
Emergency release (red button)
Overhaul lock (key)













