



Inventory number: 22856

3-axis machining center  
FANUC ROBODRILL ALPHA T14iFb  
FANUC Series 31i-Model A  
2010



### Technical data

Number of axis total	3
Table length	650 mm
Table width	400 mm
Number of T-channels	3
Distance of the T-slots	125 mm
T-channel width	14 mm
Longitudinal travel (X-axis)	500 mm
Transversal travel (y-axis)	380 mm
Vertical travel (z axis)	300 mm
Tool changer:	
Number of tools	14
Spindle nose: BT	
spindle to table	150 - 450 mm
Spindle speeds:	
stepless	
from	100 rpm
up to	12000 rpm
Feed range	1 - 15000 mm/min
Rapid traverse:	48 m/min
Voltage 50 Hz 3x	400 Volt
Spindle motor	5.5 kW

Total power required	10 kVA
Machine's weight about	2000 kg
Overall dimensions machine:	
Length	2000 mm
Width	1600 mm
Height	2200 mm

Various accessories:

Coolant system

Lamp

RS-232 Interface



FANUC Series 31i-MODEL A



**POWER**  
ON OFF

RESET

HELP

ABC/abc

SHIFT

ALARM/STATUS

O, N, G, P, C  
X, Y, Z, Q, ?  
I, J, K, R, \_  
M, S, T, L, +  
F, D, H, B, SP

7 8 9  
4 5 6  
1 2 3  
- 0 .  
/ : ON

ALTER

INSERT

DELETE

POS

PROG

DRIFT

SYSTEM

RECALL

GRAPH

INPUT

AXIS/DIRECTION

+5th +4th -Y +Z  
+X RAPID -X  
-5th -4th +Y -Z

MANUAL MODE

REF POINT JOG HANDLE

AUTO MODE

MDI MEMORY REMOTE EXIT

DOWN 100% UP SPINDLE

DRILL BLOCK DRY RUN MDI STOP SKIP

INCREMENTAL FEED

X1 X10 X100 X200

RAPID TRAVERSE OVERRIDE

LOW 25% 50%

TOOL CHANGE COOLANT DOOR

PROGRAM PROTECT ON RE-LEASE

JOG & DRY RUN SPEED  
MM/MIN (INCH/MIN)

FEEEDRATE OVERRIDE

EMERGENCY STOP

FEED HOLD CYCLE START





