



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



CONTROL PANEL

POWER: ON (I), OFF (O)

FUNCTION KEYS: RESET, HELP, ABC/abc, SHIFT, ALARM/STATUS, P PAGE, N PAGE, JOG, HANDLE, MDI, MEMORY, REMOTE, EDIT, TOOL CHANGE, COOLANT, DOOR, PROGRAM PROTECT, RE-LEASE.

ALPHANUMERIC KEYS: O, N, G, P, C, 7, 8, 9, X, U, Y, V, Z, W, Q, ?, 4, 5, 6, I, J, A, K, R, -, 1, 2, 3, M, S, T, L, +, /, 0, ., F, D, H, B, SP, POS, PROG, DRIFT, SYSTEM, RESUME, GRAPH, INPUT.

AXIS/DIRECTION KEYS: +5th, +4th, -Y, +Z, +X, RAPID, -X, -5th, -4th, +Y, -Z.

MANUAL MODE KEYS: REF POINT, JOG, HANDLE, MDI, MEMORY, REMOTE, EDIT, TOOL CHANGE, COOLANT, DOOR, PROGRAM PROTECT, RE-LEASE.

AUTO MODE KEYS: MDI, MEMORY, REMOTE, EDIT, TOOL CHANGE, COOLANT, DOOR, PROGRAM PROTECT, RE-LEASE.

INCREMENTAL FEED KEYS: X1, X10, X100, X200.

RAPID TRAVERSE OVERRIDE KEYS: LOW, 25%, 50%, 100%.

JOG & DRY RUN SPEED: MM/MIN (INCH/MIN) with a rotary dial.

FEEEDRATE OVERRIDE: % with a rotary dial.

EMERGENCY STOP: A large red button with a yellow ring.

FEED HOLD: A red button.

CYCLE START: A green button.





