



FANUC ROBODRILL Vertical Machining Center

MODEL: - α -T14iFe, YOM: - 2008 with 4-Axis



Title	Description	Unit	α -T14iFe (4 Axis)
Travel	X- axis	Mm	500
	Y- axis	Mm	400
	Z- axis	Mm	330
Nikken Make Rotary Table	Diameter	Mm	170
	Min. Increment	Degree	0.001°
Spindle	Spindle nose	Type	BT30
	Spindle speed	Rpm	10,000
	Spindle Power	Kw	5.5/3.7
Table	Table Dimensions	Mm	600x400
	Max. Loading Weight	Kg	300
ATC	No. of Tools	Nos	14
Feed rate	Rapid Traverse of X, Y, Z axis	m/min	30 x 30 x 30
CNC System	Controller	-	Fanuc 31i A
Machine size	Dimensions (L x W x H) (Approx.)	Mm	2159 x 1550 x 2235
	Machine weight (Approx.)	Kg	2000

Tech Center

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CONFIDENCE
FANUC
ROBODRILL
α-T14 iFe

Technical specifications and maintenance information sheet.

WARNING
DON'T OPEN

KEEP OUT

CAUTION

DANGER

WARNING



Control panel featuring a monitor, a numeric keypad, and various control buttons and dials.



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α-T14 *i*Fe

WARNING
DO NOT OPEN
KEEP OUT
CAUTION
DANGER
WARNING

The control panel features a small LCD screen at the top, a numeric keypad below it, and several function buttons. A prominent red emergency stop button is located at the bottom of the panel. The panel is mounted on a black vertical structure.



FANUC Series 31i-MODEL A

ACTUAL POSITION 00003 N00000

ABSOLUTE	130.452	PRG. NO.	00003
XYZ	-0.051	DRY RUN	0
B	274.730	DRY RUN	0

MODAL F 0 MM/MIN

PARTS COUNT 84
RUN TIME 180:42:36
CYCLE TIME 01:01:00

S 0 S_{OV}R 100%

HND ***** 10:11:43

ABSOLUTE RELATIVE ALL (OPRT) +

Navigation buttons: Left arrow, Home, Right arrow, and a row of 12 small function buttons.

POWER: OFF/ON switch, Green indicator light.

RESET, HELP, ABC/abc, SHIFT, ALARM/STATUS, P.PAGE, N.PAGE, CURSOR (Up, Down, Left, Right), POS, PROG, OFFSET, SYSTEM, MESSAGE, GRAPH, INPUT, QUICK/NC.

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

MANUAL MODE: REF-POINT, JOG, HANDLE. AUTO MODE: MDI, MEMORY, REMOTE, EDIT.

INCREMENTAL FEED: X1, X10, X100, X200. RAPID TRAVERSE OVERRIDE: DOWN, 100%, UP, SPINDLE, SINGLE BLOCK, DRY RUN, MDI STOP, SKIP, AUTO P.OFF, TOOL CHANGE, COOLANT, DOOR.

JOG & DRY RUN SPEED: 0-90 MM/MIN (INCH/MIN).

FEEDRATE OVERRIDE: 0-200%.

EMERGENCY STOP: Red button with yellow ring.

FEED HOLD: Red button.

CYCLE START: Green button.

PROGRAM PROTECT: ON/OFF switch with RE-LEASE label.

Serial port connector.

FANUC Series 31i-MODEL A

ACTUAL POSITION

00003 N00000

	ABSOLUTE
X	130.452
Y	-99.345
Z	-0.051
B	274.730

	MACHINE	DISTANCE TO GO
X	130.452	
Y	-99.345	
Z	-0.051	
B	94.730	

MODAL			
G01	G80	G15	F M
G17	G98	G40.1	H M
G90	G50	G25	D M
G22	G67	G160	T
G94	G97	G13.1	S
G21	G54	G50.1	
G40	G64	G54.2	B
G49	G69	G80.5	

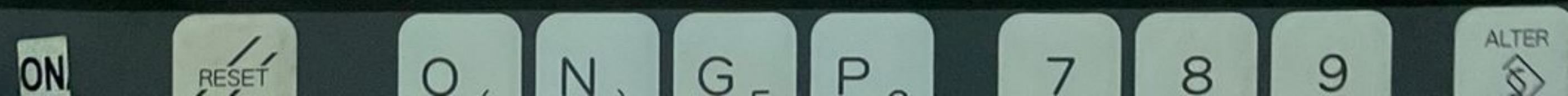
F 0 MM/MIN

PARTS COUNT 84
 RUN TIME 180H47M36S
 CYCLE TIME 0H 0M 0S

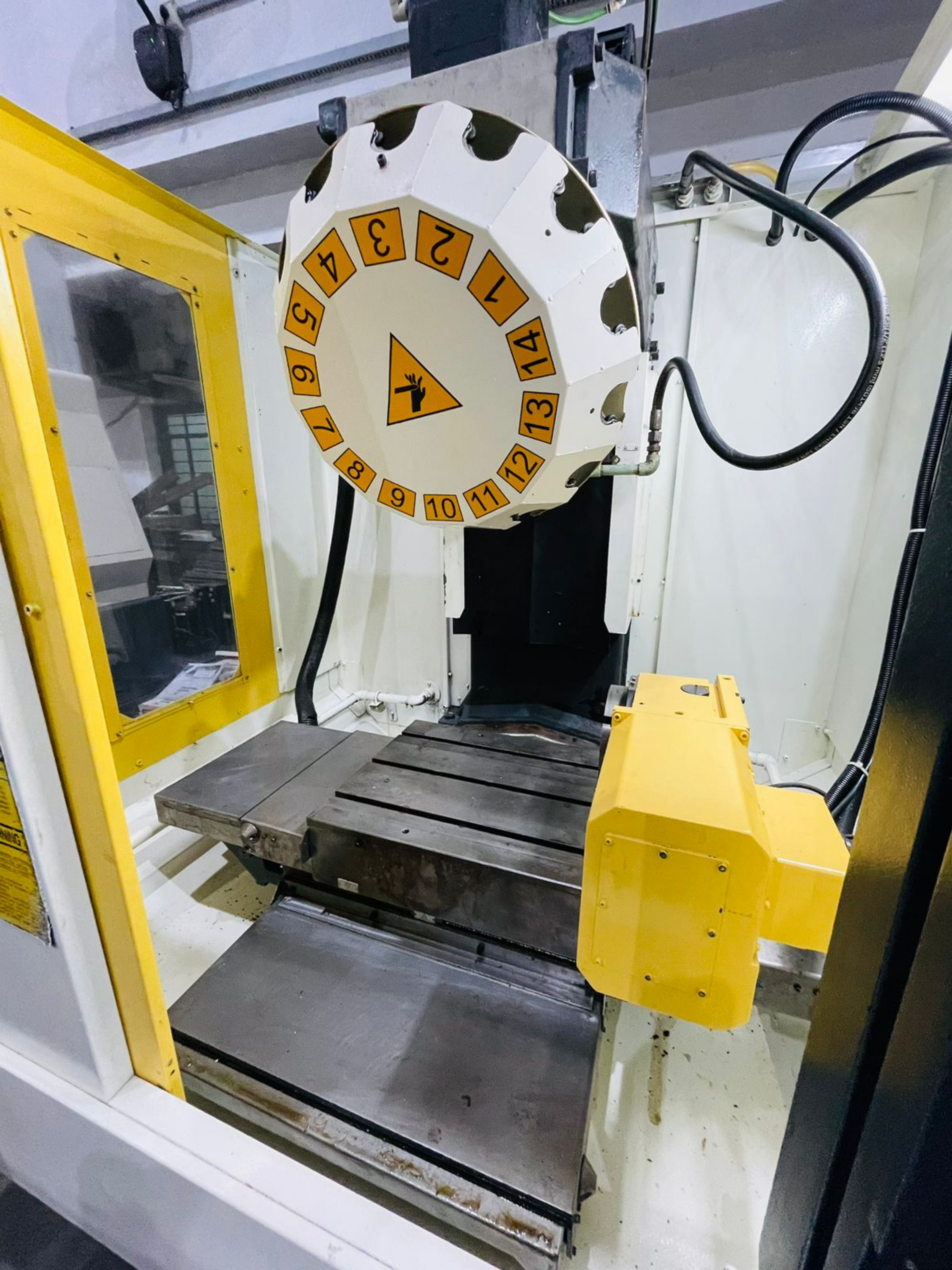
S 0 S_{OVR} 100%

A>_
 HND ***** 10:11:50

ABSOLU	RELATI	ALL		(OPRT)	+				
TE	VE								



FANUC





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