

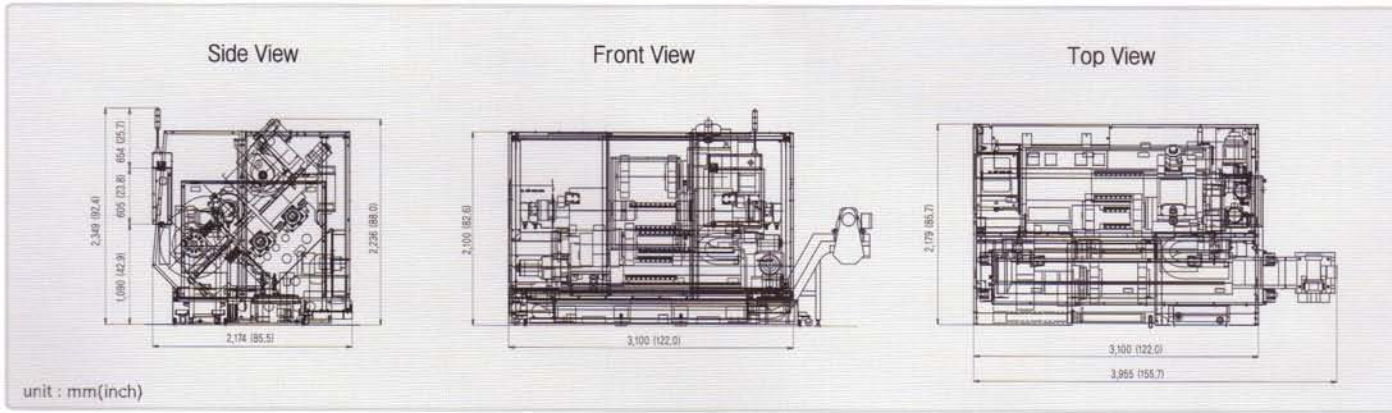
# NEW MULTI-AXIS TURNING CENTER

# T2

## *Series*



**T2-Series** The T2 Series has a total 8 axes(6 for feed and 2 for live tooling), which has 1 or 2 main opposed spindles complimented by a optional Y axis. This is a versatile multi axis turning center capable of multi process integration and set up reduction.



## Machine Specifications

ITEM	UNIT	T2-Series
<b>CAPACITY</b>		
Swing over bed	mm(inch)	ø 450(17.7)
Max. turning dia.	mm(inch)	ø 380(14.9)
Std. turning dia.	mm(inch)	ø 230(9.8)
Max. turning length	mm(inch)	ø 520(20.5)
Chuck size	inch	8"
<b>SPINDLE</b>		
Spindle nose	ASA	A2-6
Spindle speed	rpm	5,000
Through sp.hole dia	mm(inch)	ø 76(3.0)
Draw tube ID	mm(inch)	ø 66(2.6)
Spindle bearing dia	mm(inch)	ø 120(4.7)
Spindle motor	KW(HP)	15/11(20/15)
<b>TURRET</b>		
No. of tools	EA	12+12
Tool size	mm(inch)	□25 x ø 40(□1 x ø 1.6)
Rotation time	sec	0.1
<b>FEEDRATE</b>		
Rapid (X/Z/Y/B)	m/min(ipm)	30/30/15/30(1,181/1,181/591/1,181)
Traverse (X1/Z1/X2/Z2/Y/B)	mm/inch	245/520/210/520/100/590(9.6/20.5/8.3/20.5/3.9/23.2)
Motor (X/Z/Y/B)	KW(HP)	3/4/1.6/4/4/5.4/2.1/5.4
<b>TAIL STOCK</b>		
Quill dia.	mm(inch)	ø 80(3.1)
Quill stroke	mm(inch)	ø 590(23.2)
Quill taper	MT	MT#5
<b>Turn Mill</b>		
Motor	KW(HP)	7.5/5.5(10/7)
Speed	rpm	30~6000
<b>TANK CAPACITY</b>		
Lub tank	ℓ (gal)	1.5(0.4)
Hydraulic tank	ℓ (gal)	60(16)
Coolant tank	ℓ (gal)	250(66)
<b>POWER SOURCE</b>		
Elec. Power supply	kVA	55
<b>MACHINE SIZE</b>		
Height	mm(inch)	2,100(82.7)
Floor space (LxW)	mm(inch)	3,100 x 2,180(122 x 85.9)
Weight	kg(lbf)	9,500(20,944)
<b>NC</b>		FANUC-18i/TB

## NC Specifications / FANUC18i-TB

(S : Standard, O : Option)

Item	Spec.
<b>Control axis</b>	Control axis 2-axis Controllable axes expansion 4-axis (MC, SMC, S Type spec) Simultaneous control axis/expansion 2-axis/4-axis
<b>Input operation</b>	Least input increment 0.001mm/0.0001" Axis name X,Z,U,W Decimal point input Available Inch/Metric conversion G20,G21
<b>Interpolation</b>	Positioning/Linear/Circular/Dwell G00/G01/G02/G03/G04
<b>Feed</b>	Feed per min/Feed per revolution G98/G99 Minimum increment of MPG 0.001/0.01/0.1mm(0.0001"/.001"/.01") Rapid traverse override F0,F25,F50,F100 Jog override/ Feed rate override 0-1260mm/min/0-150%
<b>Program storage/edit</b>	Program storage/Registered program 640M(240KB)/200EA Program editing Deletion, Insertion, Alteration Program /Sequence number search O/N number search Absolute/incremental programming Combined use in the same block
<b>Coordinate system</b>	Return to original point check G27 Automatic zero-turn G28 Coordinate system setting G50 Tool offset memory 32pair Tool geometric & wear offset Tool nose radius compensation
<b>Operation support function</b>	External miscellaneous function Machine lock, Single block, Dry run, Auxiliary function switch Optional stop, Auto restart, Block skip
<b>Data Input/Output</b>	Input/Output Interface RS232C Memory Card interface
<b>Embed Ethernet</b>	Embed Ethernet interface
<b>S/T/M Function</b>	Spindle(S) function Command is S followed by 4digits Constant surface speed control G96,G97 Tool(T)function Command is T followed by 2digits Miscellaneous(M) function Command is M followed by 3digits
<b>Program support function</b>	Single canned cycle G90, G92, G94 Multiple repetitive cycles G70-G76 Custom macro B Programmable data input G10 Direct drawing dimension programming Chamfering/Corner R Run hour display Thread cutting cycle retract Thread cutting is temporarily stopped chamfering is executed and tool returns to starting point
<b>Display</b>	LCD Display/Graphic display 10.4" color LCD Multi-language display English/Korean/German/Italian/Spanish/Portuguese
<b>Safety/Maintenance</b>	Stored stroke limit Soft O.T 1st spindle orientation Background editing/Alarm history display Clock/Help/Self diagnosis function
<b>OPTION</b>	Part Program storage length 1280M(490KB),2560M(980KB) Number of registerable program 400, 1000 EA Tool offset memory 64, 99,400,999 pair Multiple repetitive cycles II Workpiece coordinate system G54-G59 Conversational automatic program Manual guide Rigid tapping/Tool life management

\* Specifications are subject to change without notice. Not responsible for misprints or typographical errors.

### Standard Accessories

### Optional Accessories

- Hydraulic Chuck & Cylinder
- Sp1-8" Hollow \* Sp2-8" Hollow
- Foot Switch
- Door lock & Inter lock System
- Coolant System
- Work Blowing System
- Cooling System
- (Sp-1, Sp-2, Turret)
- Hydraulic Unit
- Signal Lamp (R,G)
- Soft Jaw
- Work Light
- Tool Kit & Box
- Leveling Bolt & Plate
- Manual & Parts List
- Tool Presetter
- Parts Catcher
- Scale (X1, X2, Z1, Z2)
- High Pressure Coolant System
- Big Bore Chuck(2.5")
- Automatic Door
- Chip Conveyor & Box
- Air Gun & Coolant Gun
- Signal Lamp (R,G,Y)
- T/Mill Holder
- Transformer
- Chuck Pressure Compensation
- Hard Jaw
- Bar Feeder Interface
- Air Blower

