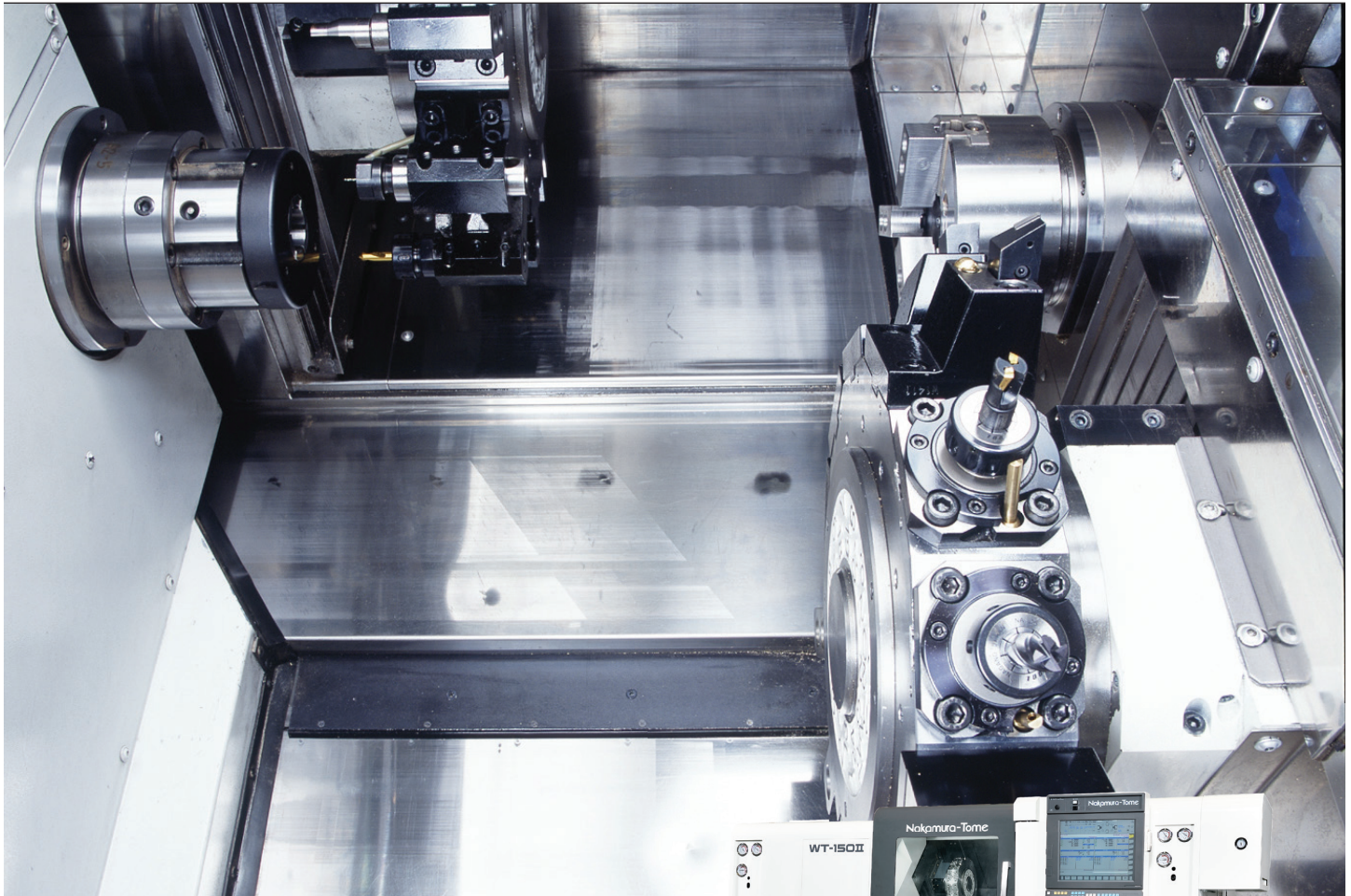




# Nakamura-Tome

Twin Spindle / Twin Turret  
with Factory Gantry Loader



## WT-150 II

### Features:

- True twin spindle (not sub)
- 6.4 second load/unload time
- 13.2 lb (6 kg) load capacity
- (2) 12 station turrets with ½ indexing for 48 tools
- 7.5 HP milling at 6,000 rpm

### Benefits:

- Built in loader for reliable integration
- Unmanned operation
- More compact footprint than robot

### Options:

- Y-axis on upper turret
- Tool setter
- High pressure coolant

# WT-150 II | Specs

Specification	Unit	WT-150 II
<b>Capacity</b>		
Max. Turning Diameter	inches (mm)	7.5 (190)
Standard Turning Diameter	inches (mm)	6.7 (170)
Distance Between Centers	inches (mm)	max. 29.6, min. 7.9 (max. 750, min. 200)
Max. Turning Length	inches (mm)	20.3 (515)
Bar Capacity	inches (mm)	2 (51), 2.6 (65) (op.)
Chuck Size (both)	inches (mm)	6 (165)
<b>Axis Travel</b>		
Slide Travel X1 / X2	inches (mm)	6.6 (167.5)
Slide Travel Z1 / Z2	inches (mm)	20.3 (515)
Slide Travel Y	inches (mm)	1.4 (±35) (op.)
Slide Travel (B-axis)	inches (mm)	23.7 (600)
Rapid Feed X1 / X2	in./min. (m/min.)	630 (16)
Rapid Feed Z1 / Z2	in./min. (m/min.)	1575 (40)
Rapid Feed (B-axis)	in./min. (m/min.)	1575 (40)
Rapid Feed Y	in./min. (m/min.)	236.3 (6)
<b>Left and Right Spindles</b>		
Spindle Speed	rpm	5000
Spindle Speed Range	-	Stepless
Spindle Nose	-	A2-5
Hole Through Spindle	inches (mm)	2.5 (63)
I.D. of Front Bearing	inches (mm)	3.5 (90)
Hole Through Draw Tube	inches (mm)	2 (52)
<b>C-axis</b>		
Least Input Increment	degrees	0.001
Least Command Increment	degrees	0.001
Rapid Index Speed	rpm	600
Cutting Feed Rate	deg/min	1~4800
C-axis Clamp	-	Disk Clamp
C-axis Connecting Time	seconds	1.5
<b>Upper and Lower Turrets</b>		
Type of Turret Head	-	Dodecagonal Drum Turret
Number of Tool Stations	-	24
Number of Indexed Positions	-	48
Tool Size Square / Round	inches (mm)	□1, ∅1.3 (□25, ∅32)
<b>Rotating Tool</b>		
Rotary System	-	Individual Rotation
Spindle Speed	rpm	6000
<b>Drive Motor</b>		
Left Spindle	kW (Nm)	15/11 (75.4/38.6)
Right Spindle	kW (Nm)	11/7.5 (75.4/38.6)
Driven Tools	kW (Nm)	7.5/3.7 (40/16)
<b>General</b>		
Machine Dimensions (L x W x H)	inches (mm)	142 x 78 x 73 (3615 x 1985 x 1860)
Machine Weight	lbs (kg)	19,621 (8900)
<b>Control</b>		
Control Type	-	FANUC 18i-TB 2-PATH

\*Specifications subject to change without notice

\*1 Some tool holders have a max. 3600 rpm

## Standard Equipment

- 2 in. (51mm) bar capacity
- 20 HP main spindle
- 7.5 HP milling at 6000 rpm
- (2) 12 station ½ index turrets

## Optional Equipment

- Y-axis on upper turret
- Gantry loader
- Tool setter
- Chip conveyor
- High pressure coolant



[www.methodsmachine.com](http://www.methodsmachine.com)

### CORPORATE OFFICE TECHNICAL CENTER AND SHOWROOM

65 Union Avenue, Sudbury, MA 01776  
978.443.5388 | sales@methodsmachine.com

Charlotte 704.587.0507 Chicago 847.783.6800 Detroit 248.624.8601 Los Angeles 714.521.2507 Phoenix 602.437.2220 San Francisco 510.636.1430

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