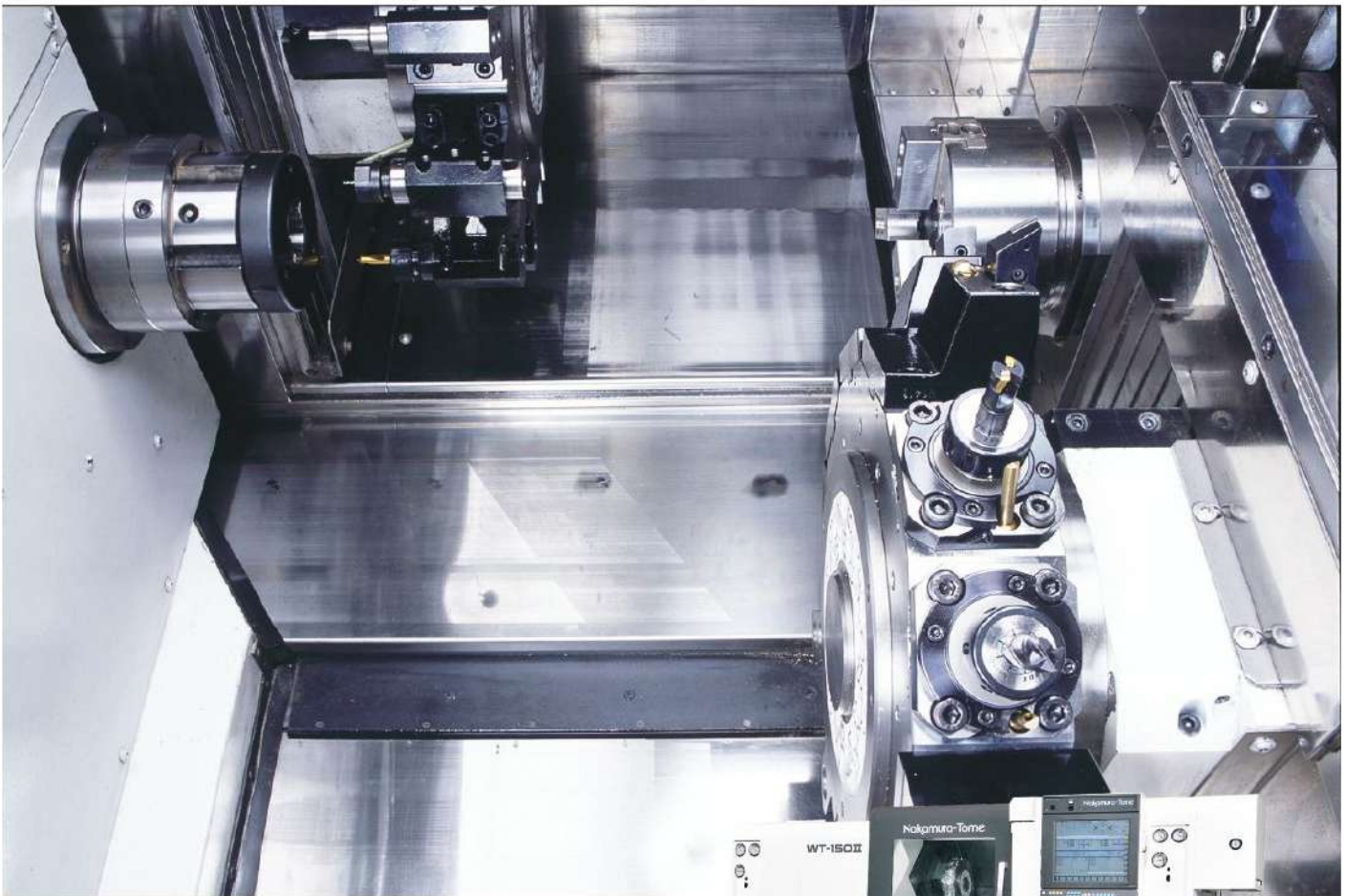




Nakamura-Tome

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 $\frac{1}{2}$ 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
Capacity		
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)
Axis Travel		
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)
Left and Right Spindles		
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)
C-axis		
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
Upper and Lower Turrets		
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)
Rotating Tool		
Rotary System	-	Individual Rotation
Spindle Speed	rpm	6000
Drive Motor		
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)
General		
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)
Control		
Control Type	-	FANUC 18i-TB 2-PATH

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

*Specifications subject to change without notice
 *1 Some tool holders have a max. 3600 rpm