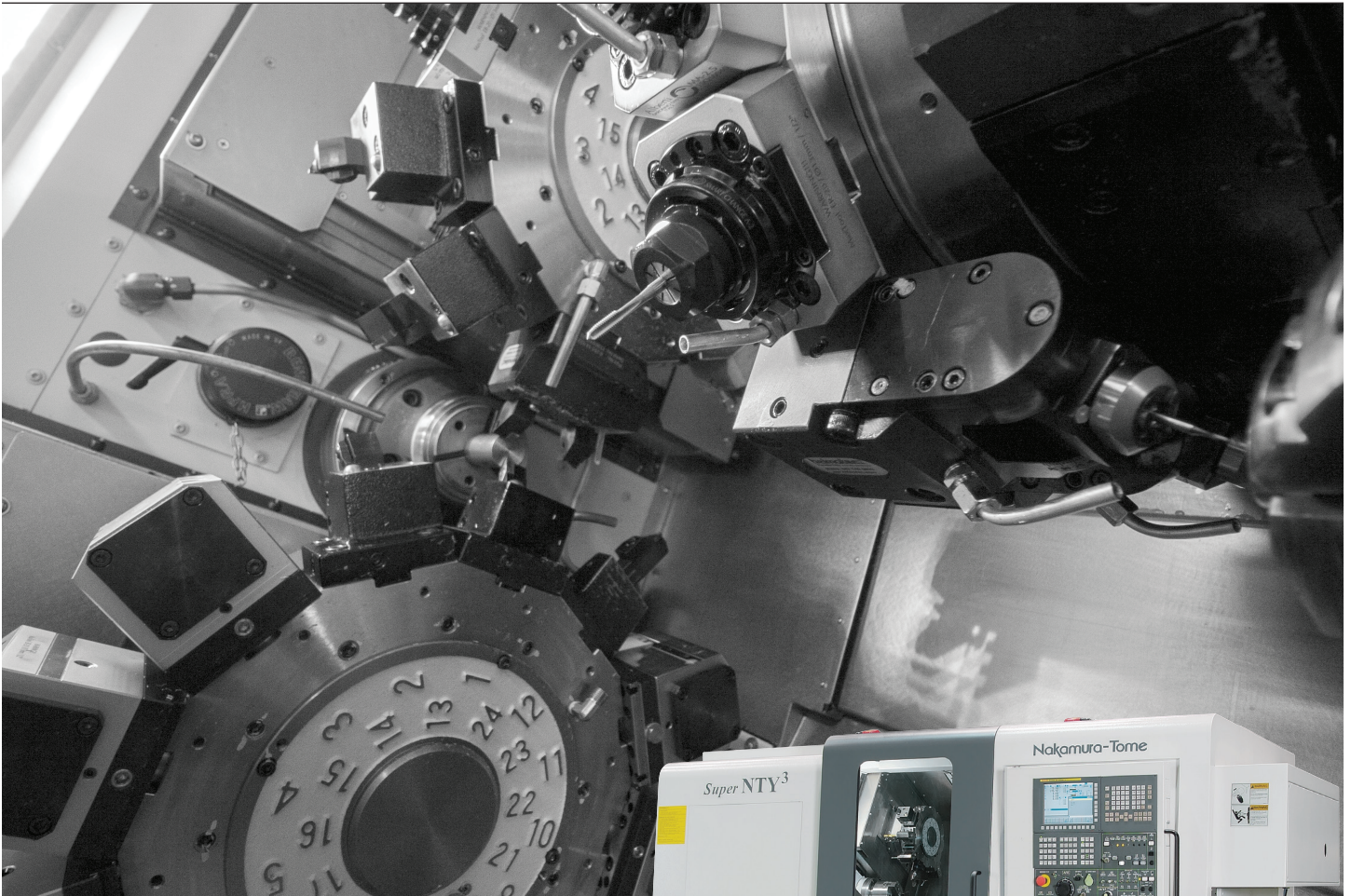




Nakamura-Tome Y-axis on 3 turrets, extremely fast cycle times
Complex parts completed on one machine



NTY3

Features:

- 3 tools cutting simultaneously
- 3 Y-axis turrets
- 36 milling stations at 9.5 H/P and 6,000 rpm
- 3 12 station turrets with 1/2 indexing
- Part Removal gripper Arm

Benefits:

- Reduced cycle times
- Pinch turning and Milling
- 72 tool capacity for reduced setup times
- Compact footprint
- Complete simulation Software

Options:

- Tool setter
- High pressure coolant



NTY3 | Specs

Specification	Unit	NTY3		
Capacity		ø42mm	ø51mm	ø65mm
Max. Turning Diameter	inches (mm)	6.9 (175)	7.9 (200)	
Max. Turning Length	inches (mm)	23.2 (588)	22.5 (570)	
Distance Between Centers	inches (mm)	max.32.3, min. 7.9 (max. 820, min. 200)		
Bar Capacity	inches (mm)	1.7 (42)	2 (51)	2.6 (65)
Chuck Size	inches (mm)	6 (165)		
Axis Travel				
Slide Travel X1 / X2 / X3	inches (mm)	5.3 (135)	5.9 / 5.9 / 5.5 (150 / 150 / 141)	
Slide Travel Z1 / Z2 / Z3	inches (mm)	9.7 / 9.7 / 22.8 (245 / 245 / 578)	9 / 9 / 22 (227 / 227 / 560)	
Slide Travel B	inches (mm)	24.4 (620)		
Slide Travel Y1 / Y2 / Y3	inches (mm)	±1.3 / ±1.3 / ±1.3 (±31 / ±31 / ±31)		
Left and Right Spindles				
Spindle Speed	min ⁻¹	6000	4500	
Spindle Motor Output	kW	11/7.5		
Spindle Motor Torque	Nm	75.4/38.6	77/39.4	80.9/41.4
Upper Turret				
Number of Tools	-	2		
Driven-Tool Spindle Speed	min ⁻¹	6000		
Drive Motor	kW (Nm)	7.1/2.2 (16/8)		
Type of Turret Head	-	Dodecagonal Drum Turret		
Indexing Positions	-	24		
Drive Type	-	Individual Rotation		
Number of Driven-Tool Stations	-	12		
Lower Turret				
Number of Turrets	-	1		
Driven-Tool Spindle Speed	min ⁻¹	6000		
Drive Motor	kW (Nm)	7.1/2.2 (16/8)		
Type of Turret Head	-	Dodecagonal Drum Turret		
Number of Indexing Positions	-	24		
Drive Type	-	Individual Rotation		
Number of Driven-Tool Stations	-	12		
General				
Machine Dimensions (L x W x H)	inches (mm)	109.5 x 77.6 x76.4 (2780 x 1970 x 1940)	109.5 x 81.5 x 76.4 (2780 x 2,070 x 1940)	
Machine Weight	lbs (kg)	17637 (8000)	19842 (9000)	
Control				
Control Type	-	FANUC 31i-B 3-PATH		

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

Standard Equipment

- 2 in. (51mm) bar capacity
- 15 HP on both spindles
- 3 Y-axis turrets at 2.5 in. (62mm)
- 3 12 station turrets
- ½ indexing on all three turrets - 72 tools
- 9.5 HP milling at 6000 rpm
- Fanuc 31i-B5 19 in. LCD control with NT-ISP

Optional Equipment

- Tool setter
- Chip conveyor
- High pressure coolant



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