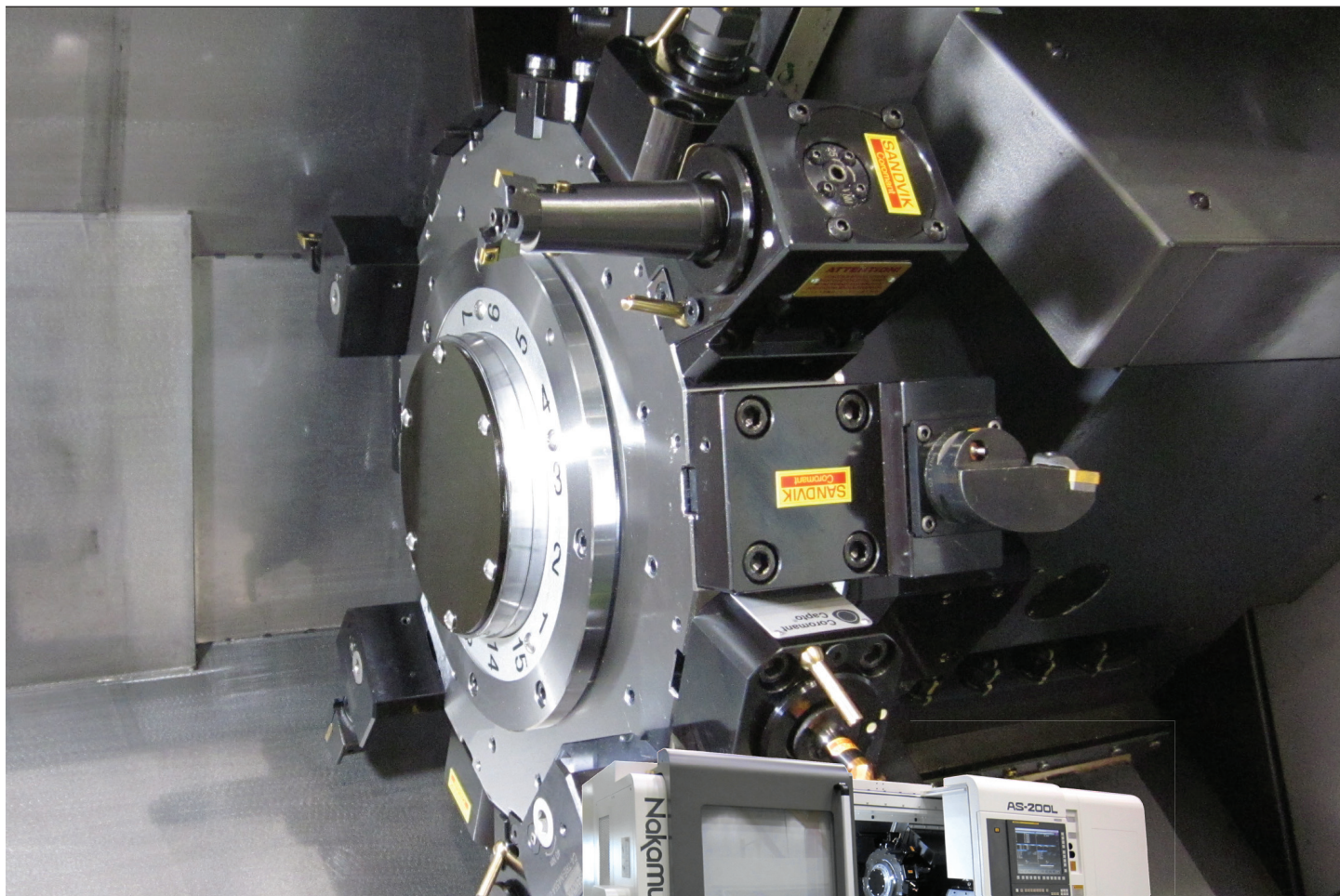




Nakamura-Tome

Twin Spindle with High Capacity Milling
and Y-axis in a Compact Package



AS-200

Features:

- 2.5 in. (64mm) bar capacity
- 7.5 HP milling at 6000 rpm
- 24 station turret
- 4.3 in. (110mm) tool projection - sub spindle
- 31.5 in. (800mm) between spindles

Benefits:

- 3.22 in. (82mm) Y-axis stroke
- Milling and Y-axis are standard
- 15 in. LDC Fanuc Oi-TF control
- Very compact design

Options:

- Tool setter
- High powered coolant through spindle
- Part ejection cylinder



AS-200 | Specs

Specifications	Unit	AS-200	AS-200 LMYS
Capacity			
12/24 Station Turret			
Swing Over Bed	inches (mm)	15.8 (400)	
Max. Workpiece Swing Dia.	inches (mm)	12.6 (320)	
Max. Turning Diameter	inches (mm)	13.4 (340)	
Standard Turning Diameter	inches (mm)	7.5 (190)	
Distance Between Centers	inches (mm)	16.8 (427)	31.4 (800)
Max. Turning Length	inches (mm)	11.8 (300)	22.4 (520)
Bar Capacity	inches (mm)	2.6 (65) (2.8 (71) op.)	
Chuck Size	inches (mm)	8 (2.3)	
Travels			
X / Y / Z Slide Travel	inches (mm)	9 / 12.6 / ±1.6 (op.) (227.5 / 320 / ±41 (op.))	Z = 23 (585)
X / Y / Z Rapid Feed	ft./min. (m/min.)	78.7 / 118.1 / 19.7 (24 / 36 / 6)	
Spindles			
Spindle Speed	min ⁻¹	0 - 4500	sub: 5000
Spindle Nose	-	A2-6	A2-5
Hole Through Spindle	inches (mm)	3.2 (80)	
I.D. of Front Bearing	inches (mm)	4.63 (110)	
Hold Through Draw Tube	inches (mm)	2.6 (66) (2.8 (71) op.)	1.7 (42)
C-Axis			
Least Input Increment	degree	0.001	
Least Command Increment	degree	0.001	
Rapid Index Speed	-	600min ⁻¹	
Cutting Feed Rate	degree/min.	1 - 4800	
C-Axis Clamp	-	Disk Clamp	
C-Axis Connecting Time	seconds	1.5	
Turret			
Type of Turret Head	-	Dodecagonal Drum Turret	
Tool Stations	-	24	
Indexing Positions	-	24	
Tool Size (Square Shank)	inches (mm)	□0.8, □1 (□20, □25)	
Tool Size (Round Shank)	inches (mm)	ø1.3 (ø32)	
Driven Tools			
Rotary System	-	Individual Rotation	
Spindle Speed	-	6000min ⁻¹	
Spindle Speed Range	-	Stepless	
Driven-Tool Stations	-	12	
Collet Size	-	AR25	
Tool Shank	inches (mm)	Straight Holder: ø0.04 - ø0.6 (ø1 - ø16)	
	inches (mm)	Cross Holder: ø0.04 - ø0.6 (ø1 - ø16)	
Tailstock (op.)			
Quill Diameter	inches (mm)	2.8 (70)	
Quill Taper	-	MT-4	
Quill Stroke	inches (mm)	3.15 (80)	
Travel	inches (mm)	7.9 (200)	
Drive Motor Power			
Main Spindle - Standard	-	15/11kW 110/61N.m	sub: 7.5/5 kW
	-	4500min ⁻¹	5000min ⁻¹
	Option	15/11kW 258/218N.m	4500min ⁻¹
Option	-	15/11kW 143/79N.m	3000min ⁻¹
Driven Tool Spindle	kW	5.5/3.7	
General			
Floor Space (L x W x H)	inches (mm)	65 x 63 x 72.8 (1650 x 1600 x 1850)	
Machine Weight	lbs (kg)	7055 (3200)	
Control			
Control Type	Fanuc	Oi-TF	

*Specifications are subject to change without notice.

Standard Equipment

- 2.5 in. (64mm) bar capacity
1.625 in. (41mm) on sub spindle
- Y-axis: 3.22 in. (82mm)
- 7.5 HP milling at 6000 rpm
- 20 HP main spindle at 4000 rpm
10 HP sub spindle at 5000 rpm
- Fanuc Oi-TF control

Optional Equipment

- Chip conveyor
- High pressure coolant
- Tool setter
- Part eject cylinder



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