

Single Spindle Twin Turret Shaft Lathe

FUJI

ANS-300TTS ANS-320TTS

2-Turret Automated Shaft Lathe



- 4-axis simultaneous for optimal workpiece output.
- Compact for floor space utilization.
- Rigid box way construction achieves the highest spindle output.
- Faster cycle times, faster takt.



The above photo: Model ANS-300TTS includes options.

Single Spindle

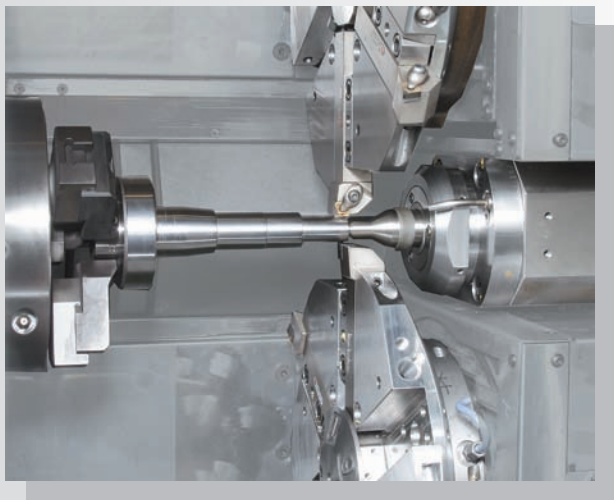
Twin Turret Lathe

ANS-300TTS, 320TTS

			ANS-300TTS	ANS-320TTS
Recommended work size	Max. work dia.	mm [inch]	Ring work ϕ 180 [ϕ 7.1]	Ring work ϕ 180 [ϕ 7.1]
	Work length	mm [inch]	Shaft work Max. 350 [13.8]	Shaft work 350 [13.8] ~ 600 [23.6]
Spindle dia.		mm [inch]	100 [3.9]	100 [3.9]
Spindle nose			A2-6	A2-6
Spindle bore		mm [inch]	56 [2.2]	56 [2.2]
Spindle speed		min-1	Max. 3500	Max. 3500
* Note: Max. spindle speed is dependant on restrictions imposed by the workpiece clamping device, fixture and tools. Max. RPM may not be achievable .				
Spindle motor		kw [hp]	15/18.5 [20/25]	15/18.5 [20/25]
Slide stroke	X-axis	mm [inch]	110 [4.33] (Upper), 85 [3.35] (Lower)	85 [3.35] (Upper), 85 [3.35] (Lower)
	Z-axis	mm [inch]	480 [18.90] (Upper), 480 [18.90] (Lower)	735 [28.94] (Upper), 735 [28.94] (Lower)
Rapid traverse rate	X-axis	m/min [inch/min]	24 [945] (Upper, Lower)	24 [945] (Upper, Lower)
	Z-axis	m/min [inch/min]	24 [945] (Upper, Lower)	24 [945] (Upper, Lower)
Least input increment	X-axis	mm [inch]	0.001 [0.0001] (Upper, Lower)	0.001 [0.0001] (Upper, Lower)
	Z-axis	mm [inch]	0.001 [0.0001] (Upper, Lower)	0.001 [0.0001] (Upper, Lower)
Feed motor	X-axis	kw [hp]	1.4 [1.9] (Upper, Lower)	1.4 [1.9] (Upper, Lower)
	Z-axis	kw [hp]	1.6 [2.1] (Upper, Lower)	1.6 [2.1] (Upper, Lower)
Number of tool stations			6 (Upper, Lower)	6 (Upper, Lower)
Turret index time		sec	1.0	1.0
Chuck size		inch	8	8
Tooling square		mm [inch]	25 [1]	25 [1]
Bore		mm [inch]	32 [1.25]	32 [1.25]
CNC control			FANUC 320i-A	FANUC 320i-A
Robot type			L677-H	L672-B
Carrying capacity		kg [lb]	5 +5 [11+11]	10+10 [22+22]
Robot controller			MAX SP1	MAX SP1
Footprint	Width	mm [feet,inch]	1700 [5'7"]	1980 [6'6"]
	Depth	mm [feet,inch]	2130 [7']	2130 [7']
	Height	mm [feet,inch]	2900 [9'6"]	3245 [10'8"]
Machine weight		kg [lb]	5500 [12100]	6500 [14300]
Tailstock	Center built-in type		MT.4	MT.4
	Slide stroke	mm [inch]	350 [13.78]	350 [13.78]
	Quill dia	mm [inch]	100 [3.9]	100 [3.9]

Note: Specifications subject to change without notice.

Highly efficient processing is achieved through 4-axis simultaneous cutting via two turrets.

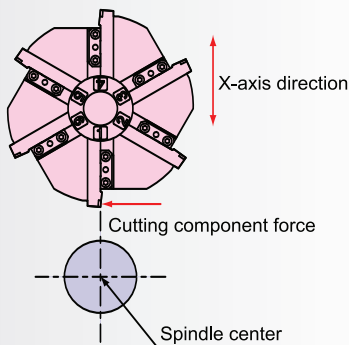


Tail stock - Programmable
350mm long stroke.



Turret

Curvic coupling. Adopted the Turret head having a backup against the main component force.



Gantry robot - High Speed 2-axis robot

L677-H on ANS-300TTS with carrying capacity of 11 lbs. + 11 lbs.
L672-B on ANS-320TTS with carrying capacity of 22 lbs. + 22 lbs.



Compact for floor space utilization.
Highly rigid box way unit construction
achieves highest spindle output.

Honeycomb constructed
column improves rigidity and
reduces machine weight.

Approx. 50% of the process cycle
time is reduced by high spindle &
cutting thrust.

FUJI

Automated Process Perfection

(847) 821-2432 • www.fujimachine.com

