



T SERIES CNC LATHE

The T series CNC Lathe from Twinhorn let you enjoy all the reasonable and efficiency of excellent performance. This new generation of CNC lathe has an exclusive Differential Bed Way construction feature plus many popular models of controller to choose.

PRECISE & RIGID SPINDLE CONSTRUCTION

- The Certified MEEHANITE casting Technique are adopted on all major components, offering close grain composition, high tensile strength, as well as long-term wearing resistance.
- The spindle is precision manufactured from chromolybdenum alloy steel with hardness of HRC 50° ~ 58°.
- The 45° slant bed features outstanding chip removing and firm support. Oversized bed slide-way provides maximum stability.
- Both T6/T6A models equipped with excellent high precision linear motion guide on bed way while both T8/T8A models use steel way to assures smooth and accurate feeding.
- High precision ball screws on both X and Z axes are direct driving from axis

servo motors to eliminate backlash.

- All models equipped with high efficient transmission combined with oversized precision curve clutch which ensures high positioning accuracy of turret and maximum stability of cutting.
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 [Specification](#)

SPECIFICATION

ITEM	T-6/6A
TRAVEL	
Maximum swing	∅420mm
Swing over carriage cover	∅330mm
Maximum turned diameter	∅200mm
X axis travel	180mm
Z axis travel	370mm
Carriage inclination	45°
SPINDLE	
Spindle center height	920mm
Spindle nose	A2-5/A2-6
Power chuck diameter	6"/8"
Power chucking system	Hydraulic
Spindle bore	∅56mm/∅62mm
Draw tube Max. diameter	∅45mm/∅52mm
Max. spindle speed	6000rpm/4800rpm
Spindle motor	10HP/20Hp
AXIS	
X and Z Axis rapid traverse rate	12/20m/Min.
X Axis slide way configuration	Double linear way
Z Axis slide way configuration	Double linear way
TURRET SYSTEM	
Turret type	Servo driven

Turret disc diameter(VDI/Octagon)	Ø340mm//Ø280mm
Number of tool stations (VDI/Octagon)	12/8
Turning tool shank diameter	20x20mm
Max. boring bar diameter	Ø32mm
Tool travel below center line	22mm
TAIL STOCK	
Tail stock quill taper	No. 4 MT
Quill diameter and travel	Ø75x100mm
Max. quill thrust	613 KGF
GENERAL INFORMATION	
Coolant tank capacity	115 Liter
Approximate machine footprint	1750x3010x1850mm
Approximate machine weight	3800KG/4000KG

● **Specification and design characteristics are subject to change without prior notice.**

STANDARD ACCESSORIES

- Coolant system
- Foot switch for chuck operate
- Chip conveyor & cart
- Fully enclosed splash guard
- Automatic lubrication system
- Tool box wit adjustment tools
- Through hole hydraulic chuck
- Hard jaw 1 set
- Soft jaw 3 set
- Heat exchanger for electrical cabinet
- Fanuc 0i-MB controller
- Two Years controller warranty

OPTIONAL ACCESSORIES

- Tail stock
- Parts capture
- Bar feeder
- Transformer(15KVA)
- Collect chuck
- Tool holder
- Solid power chuck
- Tool pre-setter
- CNC controller
Mitsubishi
Fanuc

8 TURRET ACCESSORIES

- Boring sleeve
- Ø6, 8, 10, 12, 16, 20, 25, 32

- Drilling sleeve MT3, MT2, MT1
- O.D. cutting holder 2 PCS
- I.D. cutting holder 4 PCS
- Deep hole drilling holder 1 PCS

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