



### ***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-8/8A
<b>TRAVEL</b>	
Maximum swing	∅550mm
Swing over carriage cover	∅330mm
Maximum turned diameter	∅350mm
X axis travel	220mm
Z axis travel	650mm
Carriage inclination	45°
<b>SPINDLE</b>	
Spindle center height	950mm
Spindle nose	A2-6/A2-8
Power chuck diameter	8"/10"
Power chucking system	Hydraulic
Spindle bore	∅62mm/∅87mm
Draw tube Max. diameter	∅52mm/∅75mm
Max. spindle speed	4500rpm/3500rpm
Spindle motor	25HP/30Hp
<b>AXIS</b>	
X and Z Axis rapid traverse rate	12/20m/Min.
X Axis slide way configuration	Steel Hard way
Z Axis slide way configuration	Steel Hard way
<b>TURRET SYSTEM</b>	
Turret type	Servo driven

Turret disc diameter(VDI/Octagon)	Ø410mm//Ø318mm
Number of tool stations (VDI/Octagon)	12/8
Turning tool shank diameter	25x25mm
Max. boring bar diameter	Ø40mm
Tool travel below center line	27mm
<b>TAIL STOCK</b>	
Tail stock quill taper	No. 5 MT
Quill diameter and travel	Ø95x125mm
Max. quill thrust	1007 KGF
<b>GENERAL INFORMATION</b>	
Coolant tank capacity	165 Liter
Approximate machine footprint	2000x3550x1960mm
Approximate machine weight	4700KG/5000KG

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

#### **STANDARD ACCESSORIES**

- Coolant system
- Foot switch for chuck operate
- Tail stock
- 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**

- 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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