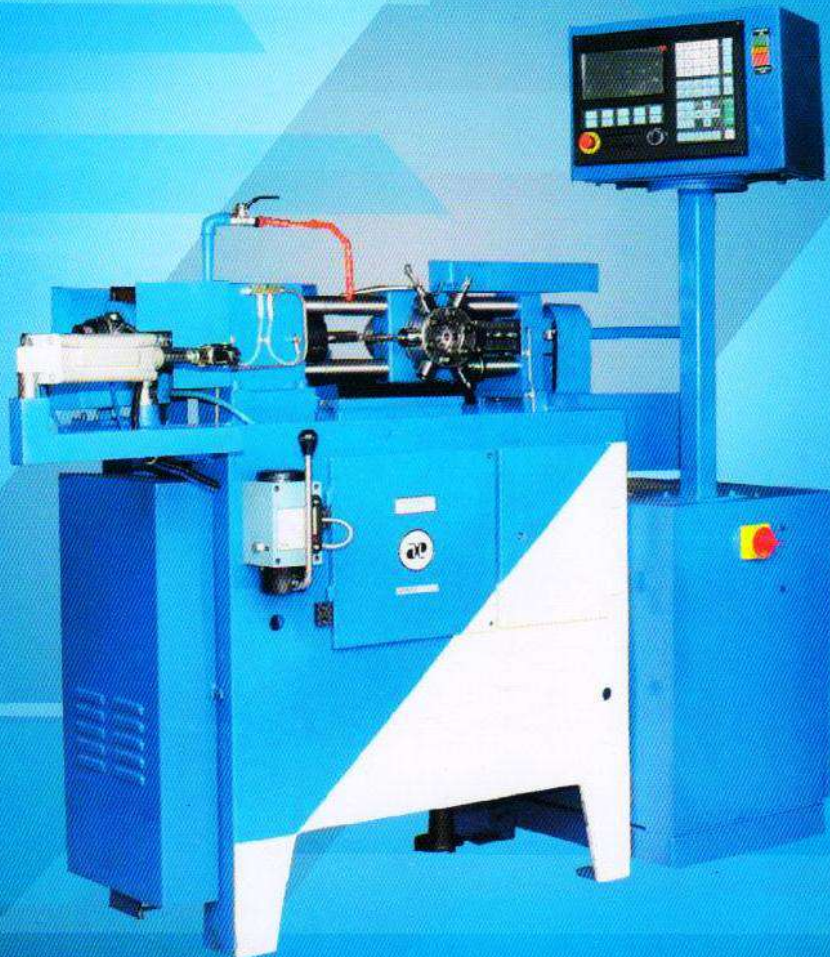


- Ball Screw driven turret axis - servo controlled
- User friendly CNC System
- Wood pecking cycle available
- Controlled feed rate for every trurret station
- Programmable rapid & return feed rate

*The only Economical, automatic Turret lathe in the world*  
**Auto Cut**

## Six Station CNC Turret Lathe

Most Ideal Machines for Economic Production Of Turned Parts



Six Station CNC Turret Lathe

**AUTO CUT**



**ABHIJAT EQUIPMENTS PVT. LTD.**



"We don't only sell machines, we also build relationship"

# ABHIJAT The only Economical automatic Turret lathe in the world

"ABHIJAT" make Six Station CNC Turret Lathes are designed to cater both bar work and pneumatic chuck work. Pretumed forged or Cast blanks can be used. The basic machine with 6 position turret, enables variety of turning, drilling, threading operation to be done in single set up.

**MACHINE CONSTRUCTION :-** The machine base is a rigid fabricated construction. The spindle is mounted in precision ball bearings. The bearing are mounted directly in the headstock, for higher accuracy and rigidity. The drive pulley is mounted outside the headstock, for ease of speed change.

#### Standard Equipment :

- Ball screw operated CNC Six Station Turret
- Centralised lubrication
- Controller & electrical Panel with pendent
- Manual Collet chuching attachment
- Instruction & operation manual

#### Extra Equipment and Accessories :

- Pneumatic collet chuching attachment
- Bar feed attachment
- Tool holders for turret & slides
- Coolant attachment
- VFD for main spindle

#### Basic machine features :

- User friendly controller
- Precision ground ball screw
- Ergonomically designed pendent

#### CNC system

- Neri / Siemens
- Number of axis-one
- Part programme storage & Editing
- Constant surface speed control
- Multiple repetative cycle
- RS 232 port

### MACHINE SPECIFICATIONS

SR. NO.	TITLE	PARAMETER	UOM	AUTOCUT 25	AUTOCUT 32
1	Capacity	Collet Size	Type	A25	A-42
		3 jaw chuck size (optional)	mm	Ø110	Ø110
		Round bright bar	mm	25	32
		Hexagonal bright bar	mm	22 A/F	28 A/F
		Square bright bar	mm	18 A/F	22 A/F
2	Axis	Number of axis	nos	1	1
		Z axis stroke	mm	100 (max)	200 (max)
		Ballscrew diameter	mm	20	20
		Ballscrew pitch	mm	5	5
		Rapid traverse rate	mtr.min	10	10
3	Spindle Drive	Motor power	Kw	1.5	2.2
		Motor speed (Variable)	rpm	50-3000	50-1500
		Hole through spindle	mm	25	32
4	Turret	Number of stations	nos	6	6
		Tool reception bore	mm(inch)	Ø19.05 (Ø3/4)"	Ø19.05 (Ø3/4)"
		Diameter of turret	mm	Ø 120	Ø 120
5	CNC System	Controller	type	Neri / Siemens	Neri / Siemens
6	Accuracy	Positioning accuracy	mm	0.015	0.015
		Repeatability	mm	(0.005)	(0.005)
7	Machine size & Weight	L*W*H	mm	1500x1350x1450	1500x1350x1450
		M/c wt.	kg.	800 (approx)	900 (approx)

**OUR OTHER PRODUCTS :** 1) Bench Lathe 25 mm, 32 mm 2) Single Spindle Automatic Lathe AL-15/25/42/60

Note : Due to Continuous development of the Machine, the Specifications are Subject to Change without Prior Notice.\*

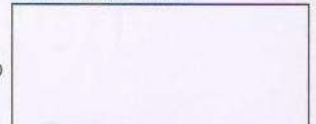


**ABHIJAT**<sup>TM</sup>  
EQUIPMENTS PVT. LTD.

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