



**ABHIJAT**  
EQUIPMENTS PVT. LTD.

- Developed to Cater Chucking
- Between centre machining
- Value for money
- Power & Space Economy

ECO-TURN 42



## **ECO-TURN 42**

CNC Turning Machine

ECO-TURN 42

ECO-TURN 42

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

**"OUR QUALITY PRODUCTS  
NOW TOUCHING NEW HORIZONS WORLDWIDE"**

**ABHIJAT** make CNC Lathe **Eco-Turn 42** is a balance between economy & Technology in CNC machine tool Industry. The basic machine is having rigid headstock mounted on Cast Iron, stress relieved machine base. Machine spindle is mounted in precision bearings for higher accuracy. Main Spindle uses A42 Collets or 135mm 3 Jaw Chuck operated by hydraulic Cylinder to clamp bar or blank.

X & Z axis with linear guideways are operated by C2/C3 Class Precision ball screws.

**BASIC MACHINE CONSIST OF :**

- LM Slide for X & Z axis
- Collet Chucking
- Coolant Attachment
- Machine lamp
- Instruction Manual
- Centralized Automatic lubrication
- Tool Kit
- 4 Station turret
- Fully enclosed Guarding

**CNC SYSTEM DETAILS :**

- Siemens / Neri
- Number of axis 2 nos.
- Manual data input
- Constant Surface Speed Control
- Multiple Repetitive Cycles
- Communication interface Rs 232
- Tool Compensation & clearance compensation
- Graphic Display
- USB Port
- Thread Cutting Cycles

**OPTIONAL MACHINE FEATURES :**

- Live tool
- Manual Pulse Generator
- 3 Phase Voltage Stabilizer
- Tool Holders
- Bar Feeder
- 3 Jaw Chuck 135mm
- Fully tooled up Solution
- Fanuc / Mitsubishi Controllers
- Tail Stock-Hydraulic
- Foot Switch

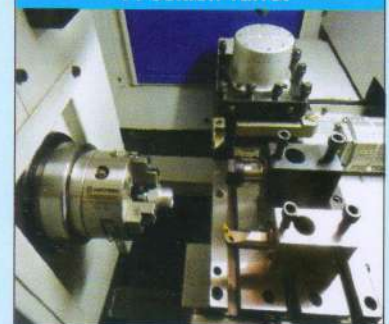
**Machine Specification**

Sr. No.	Feature	UOM	ECO TURN 42
1	Capacity		
	Swing over bed	mm	450
	Std. turning diameter with collet	mm	42
	Max Turning Diameter with chuck	mm	135
	Admit betn centers	mm	300
	Max Turning Length	mm	250
	Maximum bar length	mm	3000
2	Main Spindle		
	Spindle motor	HP	5
	Spindle bore	mm	52
	Spindle nose		A2-5
	Spindle rpm	rpm	3000
3	Slides		
	Cross X-axis travel	mm	180
	Longitudnal Z-axis travel	mm	275
	Rapid	mtrs/min	15
	Ball screw X axis		25x5
	Ball screw Z axis		25x5
4	Tail stock		
	Quill diameter	mm	55
	Stroke	mm	125
	Taper		MT3
5	Turret		4 Station
	No of stations		4+2
	Tool size	mm	20x20
6	Weight	Kg.	1200*
7	Power requirement	KW	7.5

**Component proved on machine :**



**4 Position Turret**



Note : We reserve the rights to modify specification in accordance with improved design. Although every effort will be made to maintain accuracy in the figures must be taken as approximate and in no way binding.

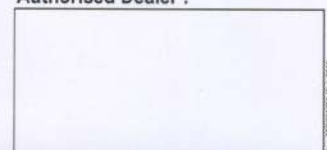


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Authorised Dealer :



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