



ABHIJATTM
EQUIPMENTS PVT. LTD.

- Suitable for both chucking and bar work
- Between centre machining with tail stock
- 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 CI 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 guide ways 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

OPTIONAL MACHINE FEATURES :

- Thro coolant arrangement for boaring tool holder
- Gang tool holders with 3 holes
- Anti vibration Pads

OPTIONAL MACHINE FEATURES :

- Live tool for small drilling / milling
- 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

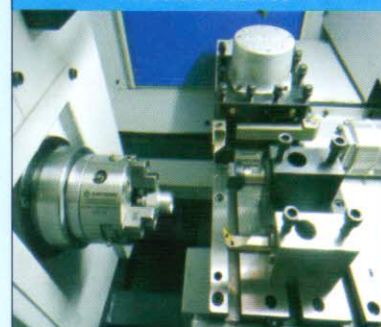
Machine Specification

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	125
	Admit brtn 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	20
	Ball screw X axis		25x10
	Ball screw Z axis		25x10
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.



ABHIJAT
EQUIPMENTS PVT. LTD.

REGD. OFFICE & WORKS

19/4 , MOLACHA ODHA, SATARA - 415 002. MAHARASHTRA, (INDIA)
 TEL.: +91-2162-251091, 250196 FAX: +91-2162-250596. Mobile : 9561116444
 E-mail: aeplm@sancharnet.in / cnc@abhijatequipments.com
 Visit us :: www.abhijatequipments.com
 PUNE OFFICE: 308, A Wing, Jay Ganesh Vision, Akurdi, Chinchwad, Pune.

Authorised Dealer :

Pune office
8600000799 Nagesh

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