

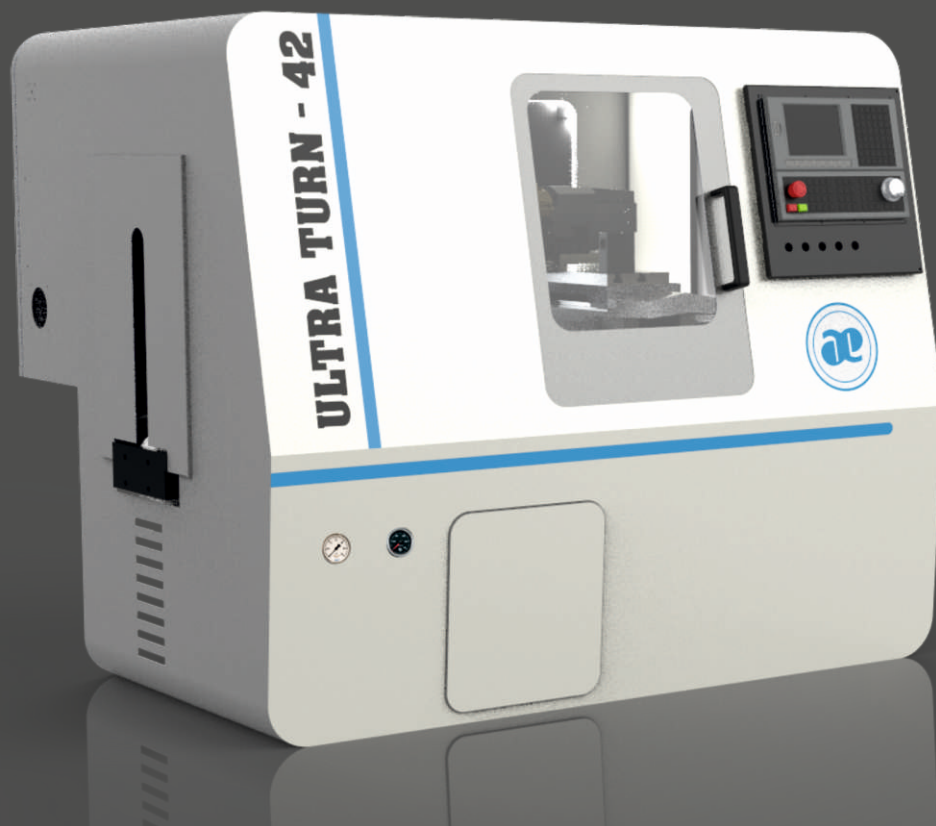


ABHIJAT™
EQUIPMENTS PVT. LTD.

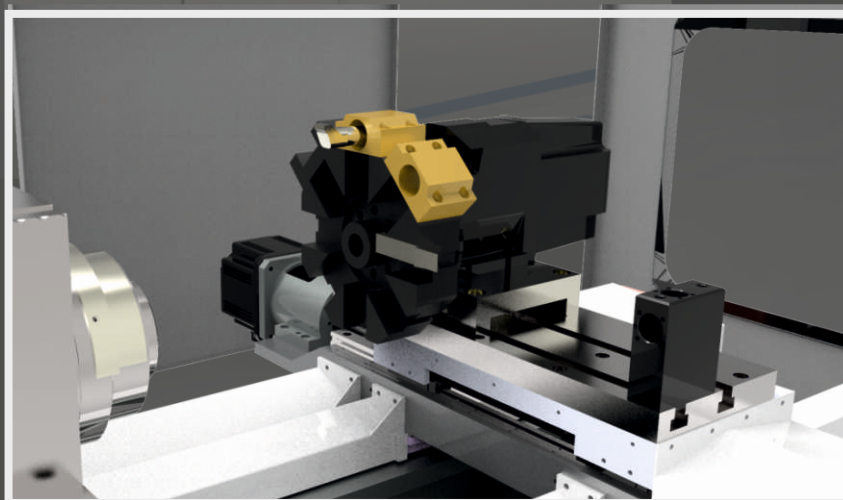
A Legacy Since 1976

ULTRA TURN-42

CNC Turning Machine



- High Productivity
- Suitable for complex parts
- Caters Chucking and Bar work
- Equipped with 9 tools capacity
- Ergonomic and User Friendly
- Aesthetically Sound
- Value for Money



Work Space

* Photos are for visual reference only

We don't only Sell Machines, We also build relationship

ULTRA TURN-42

Our Quality Products now touching
New Horizons Worldwide

Abhijat make CNC lathe **ULTRA TURN-42** is designed to provide customer value for money by virtue of higher number of tools at affordable cost. The machine provides convenient operating facility, rigidity and high accuracy, The casting base of the machine ensures good damping effect along with rigidity. The machine has cast iron rigid headstock mounted on a smartly designed stress relieved base. The higher power motor enable high accuracy machining with good surface finish. With an option to use A42 collet or 135mm 3 Jaw hydraulically operated Chuck, user can manufacture different types of complex jobs. LM guides and ball screws are used in both axis for smooth and consistent axial movements. Aesthetically and Ergonomically designed guarding is provided to ease operation visualisation and the user-friendly HMI ensures good working environment and reduced user fatigue.

ULTRA TURN-42 Specifications

| ULTRA TURN-42 Specifications | | | |
|-------------------------------------|---------|--|----------------|
| 1. Spindle Capacity | | | |
| Bar - Std. Turning dia. with collet | mm | | 42 |
| Std. Turning dia. with Chuck | mm | | 135 |
| Turning Length | mm | | 250 |
| Swing Over Bed | mm | | 450 |
| Max Bar feeder Length | mm | | 3000 |
| 2. Main Spindle | | | |
| Collet Type | | | A42 |
| Spindle Motor | HP | | 5 |
| Max bar dia. through Spindle | mm | | 42 |
| Spindle Speed Range | RPM | | 3000 |
| Spindle Nose | | | A2-5 |
| 3. Slides | | | |
| Cross X-Axis Travel | mm | | 180 |
| Longitudinal Z-Axis Travel | mm | | 350 |
| Rapid | mts/min | | 25 |
| 4. Tooling | | | |
| No. of Stations on Turret | | | 8 |
| Turning Tool Holders Shank Size | mm | | 20x20 |
| Boring Tool Holder Dia. | mm | | 32 |
| Maximum No. of Tools | | | 9 |
| 5. CNC Controller | | | Delta |
| 6. Machine Weight | Kg | | Approx 1200 |
| 7. M/C Size L*b*h | mm | | 1975x1500x1550 |
| 8. Power Requirement | KVA | | 7.5 |

Basic Machine Consists Of :

- LM Slides for X & Z axis
- Hydraulic Collet Chucking
- BTP-50 Turret (8 Station) with one Boring Tool Holder
- Single Standard Boring Tool Holder
- Coolant Attachment
- Centralised Automatic Lubrication System
- Fully Enclosed Aesthetic Guarding
- Delta controller and Ergonomic Control Panel
- Machine lamp
- Machine manual
- Tool kit

CNC System Details :

- System Controller
- Absolute Delta Control System
- No of CNC controlled axis – 2
- Manual data input
- Programmed High/Low Spindle Speed Control
- Multiple repetitive cycles
- Tool and Clearance Compensation
- Graphic Colour Display
- USB Port

Optional Machine Features :

- Manual Pulse Generator
- Bar Feeder Attachment
- 3 Jaw Chuck 135mm
- Foot Switch
- 3 Phase Voltage Stabilizer
- Live tool for small Drilling/Milling



Components Proved
On Machine

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



Office & Works

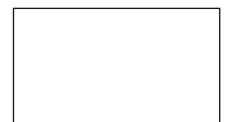
19/4, Molacha Odha, Satara- 415002, Maharashtra, India
Contact: +91-2162-250196/250596, +919561116444

Email: info@abhijatequipments.com /cnc@abhijatequipments.com

Visit us: www.abhijatequipments.com

Pune Office: 308, 'A' wing, Jay Ganesh Vision, Akurdi, Chinchwad, Pune

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