



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

- User friendly Controller
- Excellent Ergonomics
- Economy is the Key
- Compact Foot Print

CNC TURNING MACHINE



## **Deepak E-32**

CNC Turning Machine

Perfect Balance Between Economy & Technology

CNC TURNING MACHINE

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

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

**ABHIJAT** make CNC Lathe is a balance between economy & Technology in CNC machine tool Industry. The basic machine is having rigid headstock mounted on fabricated, stress relieved machine base. Machine spindle is mounted in precision bearings for higher accuracy. Main Spindle uses A42 Collects operated by pneumatic 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
- Telescopic covers for X axis
- Coolant Attachment
- Machine lamp
- Instruction Manual
- Centralized Manual lubrication
- Tool Kit

**CNC SYSTEM DETAILS :**

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

**OPTIONAL MACHINE FEATURES :**

- Manual Pulse Generator
- 3 Phase Voltage Stabilizer
- Tool Holders
- Bar Feeder
- Motorised Lubrication
- Hydraulic Clamping inleu of Pneumatic
- 3 Jaw Chuck Ø90mm

| MACHINE SPECIFICATIONS |                     |                                 |           |                 |
|------------------------|---------------------|---------------------------------|-----------|-----------------|
| SR. NO.                | TITLE               | PARAMET                         | UOM       | Deepak-E32      |
| 1                      | Bar                 | Capacity - Maximum dia          | mm        | 32              |
|                        |                     | Capacity - Maximum Hex          | mm        | 28 A/F          |
|                        |                     | Capacity - Maximum Squire       | mm        | 22 A/F          |
|                        |                     | Maximum Turning Length          | mm        | 100             |
|                        |                     | Maximum Boring / Drilling Depth | mm        | 40              |
| 2                      | Spindle             | Collet Size                     | type      | A-42            |
|                        |                     | Maximum Spindle Speed           | RPM       | 3000            |
|                        |                     | Spindle Motor Power             | Kw        | 2.2             |
| 3                      | Feed                | X axis Travel                   | mm        | 125             |
|                        |                     | Z axis Travel                   | mm        | 150             |
|                        |                     | Rapid Traverse rate X-axis      | Mtr./min. | 10              |
|                        |                     | Rapid Traverse rate Z-axis      | Mtr./min. | 10              |
|                        |                     | Rated torque X & Z axis         | N-m       | 4               |
| 4                      | Liner Tooling       | Number of T-Slots               | nos       | 2               |
|                        |                     | T-slot size                     | mm        | 15              |
|                        |                     | Tool Shank Size                 | mm        | 20x20           |
| 5                      | Machine Size(LxBxH) | without Bar Feed                | mm        | 1450x1100x1800  |
| 6                      | Weight              | Net Weight                      | Kg.       | 600 Kg. Approx. |

**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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