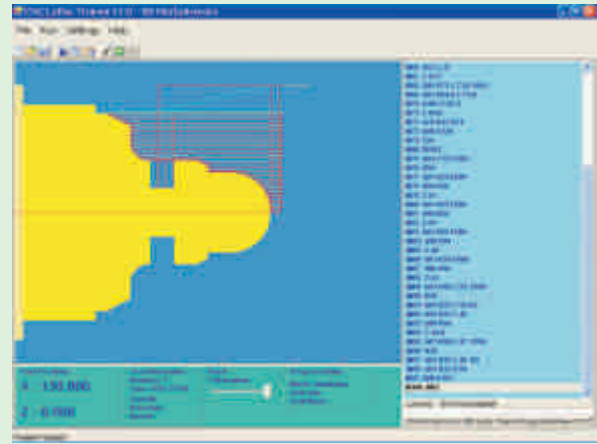


## POWER TURN



### Features

- PC controlled 2 Axis CNC Lathe.
- Slant Bed Design.
- Windows based software with Graphics
- FANUC compatible programming codes.
- 8 station Programmable Indexable Turret (4 Internal & 4 External Tools).
- Compatible to FMS Technology .
- Fully enclosed Machine with strong Base frame.
- Powerful cutting on Mild Steel as well as on non-ferrous Materials.



## Mechanical Specifications

Swing over Bed	: 200 mm.
Swing over cross slide	: 80 mm.
Distance between centers	: 300 mm.
Spindle Bore, Inside Taper	: 20 mm, MT3.
Spindle Speed	: 3000 rpm (Programmable).
X axis Travel	: 100 mm.
Z axis Travel	: 250 mm.
Resolution	: 0.005 mm.

## Controller Details

Mains Supply	: 230 V, 1phase, 50Hz, 12 Amp.
Spindle Motor	: 1 HP AC Motor
Axes Motors	: Stepper Motors 400 Steps / Rev.
Emergency stop	: By Software & Hardware.

## Standard Accessories

Spindle Motor.  
 8 Station programmable Turret.  
 Servo Stabilizer.  
 Three jaw self-centered chuck.  
 Tailstock.  
 Personal Computer.

## Optional Accessories

Off-line simulation software.  
 4 jaw chuck.  
 Hydraulic / Pneumatic chuck & guard.  
 Automatic Lubrication.  
 Coolant system.

## Machine Dimensions

Machine L x W x H : 1100 x 700 x 1450 mm.

## Software Features

Windows based software with Graphics user Interface ( GUI).  
 Fanuc compatible programming codes (ISO format).  
 On –line 2D graphics Facility with Tool Path Indication.  
 MDI facility.  
 Metric as well as Inch Programming.  
 Absolute & Incremental Programming.  
 Program Printout facility with 2D graphics  
 Tool Offset Facility  
 On-line programming Help.  
 Dry -Run facility.  
 Powerful on-line Editor.  
 Block copy, Delete, Search, Skip facility.  
 Software & Manual Stops.  
 Subroutine call.  
 Simulation & Execution in Single / Auto Block mode.  
 Automatic program syntax check.  
 Jog mode for Initial Tool positioning.  
 Over Travel limits & Emergency stops.  
 Online information about current tool position, spindle speed, tool no. & feedrate.  
 Cycle start, Pause, Resume & stop facility.  
 Programmable Dwell.  
 Software based automatic lubrication system.  
 Various cycles for turning, taper, groove, parting, drilling, chamfer & threading.

## Other CNC Models

- Servo Based Power Turn.
- Fanuc / Siemens Controller Interfacing.
- Stepper with feedback.
- Retrofitting of conventional Machines.

Manufactured by **Texllence CNC PVT.LTD.**

**Texllence**  
**CNC**

S.No. 14, Dhadage Industrial Estate  
 Next to Savali Dhaba, Nanded Phata,  
 Sinhagad Road, Pune - 411041  
 Tel : +91 9850053668 / 9850051561 / 9850053349  
 Email : texllencecnc@gmail.com  
 Website : www.texllencecnc.com