

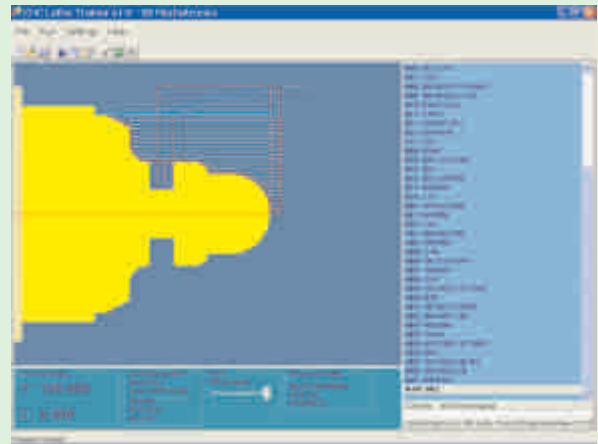
## MICRO TURN



### Features

- Table Top, PC controlled 2 Axis CNC Lathe
- Slant Bed Design
- Windows based software
- Fanuc compatible programming codes
- 8 station Programmable Indexable Turret
- Compatible to FMS Technology
- Fully enclosed Machine





## Mechanical Specifications

Swing over Bed	: 200 mm
Swing over cross slide	: 60 mm
Distance between centers	: 250 mm
Spindle Speed	: 3000 rpm
Spindle Taper	: MT3
X axis Travel	: 80 mm
Z axis Travel	: 200 mm
Max. Dia & length of job	: 32mm/120mm
Resolution	: 0.005 mm

## Controller Details

Mains Supply	: 230 V AC, 1phase, 10 Amp
Spindle Motor	: 0.5HP, 3phase AC Motor
Axes Motors	: Stepper Motors 400 Steps / Rev
Emergency stop	: By Hardware

## Standard Accessories

Spindle Motor with AC Drive
Three jaw self-centered chuck (100mm)
Tailstock
Machine Controller
Tool Post
Machine Enclosure

## Optional Accessories

Personal Computer
8 Station Turret
Automatic Lubrication
Servo Stabiliser
Machine Base Frame

## Machine Dimensions

Machine L x W x H	: 900 x 550 x 500 mm.
Machine Weight	: 160 kg.

## 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-Offsets facility.  
 On-line programming Help.  
 Programmable feedrate.  
 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.

## Other CNC Models

- Advanced CNC Lathe Trainer SS-PT-100
- Fanuc / Siemens Controller Interfacing
- Trainer cum Production CNC Lathe
- Retrofitting of conventional Machines

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

**Texllence**  
**CNC**

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