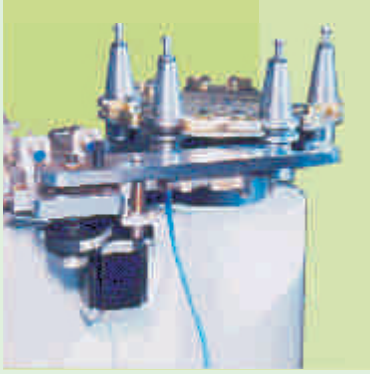


## POWER MILL

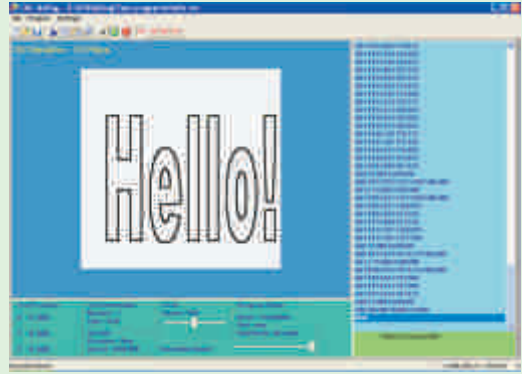


### Features

- PC controlled 3 Axis CNC Mill.
- Windows based software with Graphics
- Fanuc compatible programming codes.
- 6 station Automatic Tool Changer.
- Compatible to FMS Technology .
- Fully enclosed Machine with strong Base frame.
- Powerful cutting on Mild Steel as well as on non-ferrous Materials.



Automatic Tool Changer



## Mechanical Specifications

Table Size	: 500 mm x 175 mm
Working Envelope	: 460 mm x 140 mm.
T Slots	: 10 mm Slots
Spindle Nose	: ISO 30.
Spindle Speed	: 3000 rpm (Programmable).
X axis Travel	: 250 mm
Y axis Travel	: 160 mm.
Z axis Travel	: 200 mm.
Resolution	: 0.005 mm.

## Controller Details

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

## Standard Accessories

Spindle Motor.  
 Servo Stabilizer.  
 Standard Milling Cutters  
 Personal Computer

## Optional Accessories

Off-line simulation software  
 6 Station Automatic Tool Changer  
 Hydraulic / Pneumatic Vice & guard  
 Precision Clamping Vice  
 Automatic Lubrication.

## Machine Dimensions

Machine L x W x H : 1200 x 1100 x 1750 mm.

## Software Features

Windows based software with Graphics user Interface ( GUI).  
 Fanuc compatible programming codes (ISO format).  
 On-line Graphics With Tool-path.  
 MDI facility.  
 Metric as well as Inch Programming.  
 Absolute & Incremental Programming.  
 Program Printout 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 Boring, Pocketing, Slotting, Drilling, Contour Milling, Mirroring etc.

## Other CNC Models

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

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

**Texllence**  
**CNC**

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