MEDICAL DEVICE / AEROSPACE / TOOLING / TRADE SCHOOLS

T-Tech, Inc. is the leading manufacturer of printed circuit board prototyping systems with thousands of systems sold. With clients in over 46 countries, T-Tech, Inc. has developed a worldwide reputation for precision, quality & service.

HARDWARE FEATURES

- 5 Axis CNC true coordinated motion control
- Servo Motor Motion Control with Closed Loop
- 24,000 RPM Spindle, 3 Phase Drive, 3.0 HP/2.2 kw
- Includes an automatic Tool Center Point Control probe
- Includes a work probe with wireless and LED interface
- 6" max tool length and 0.500"od max tool shank
- 8" x 8" x 8" 5 axis work envelope
- A axis 210 deg
- C axis 360 deg
- ISO 20 Collet ER 32 tool holders for 21 position Automatic Tool Changer
- Protected covers over lead screws and ways
- A & C axis air pressure breaks automatic or programable
- Cycloidal gear A & C axis
- Standard T Slot rotary C axis
- Precision flat plate part mount for clamps or mighty bites
- Chip bin for convenient extraction
- Flood coolant filtration
- Integrated enclosure and stand
- Enclosed compressor
- Automatic Door locks for safe operation
- Precision Ground Ball Screw X, Y, Z axis

SPECIFICATIONS

- Machine accuracy +- .0004"/ 0.01 mm
- Machine repeatability +- .0002"/ 0.005 mm
- Machine work area 8.0" x 8.0" x 8.0"/ 200 mm x 200 mm x 200 mm
- Machine Dimensions 75 " high x 30"wide x 36"deep / 1905 mm x 762 mm x 915 mm
- Shipping Dimensions 85" x 48" x 48" / 2159 mm x 1220 mm x 1220 mm
- Machine Weight 650 Lbs. / 3000 Kg
- Standard Tool Package
- Vibration pads and wheel set included
- Audible Noise at 1 meter = 72 db
- 220 Volt, single phase, 50/60 Hz, 30-amp service
- Spindle Coolant Tank 10 Gallon / 38 Liter
- Chip Coolant reservoir 5 gallon/19 Liter
- Quiet Compressor Clean, Dry compressed air at 125 psi / 7kps / 8 Gallon / 30-liter tank
- Computer Linux, 8GB ram, 1T hard drive, Web enabled option
- Shipping Weight 990 Lbs. / 450 Kg

SOFTWARE FEATURES

- Open-Source CNC Software with Linux Operating System
- QM Mill Pro CAD CAM Post-Processor
- EIA Standards G-Code and M-Code command set
- Supports look ahead buffer
- Remote camera internet observation
- 3D graphics open source

OPTIONS

- Touch probing system option
- Pendant manual axis drive with E-STOP

Available in Stock & Now Shipping

Turn-Key Compact & Powerful Systems

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www.t-tech.com

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