

AUTOMATIC ROUTER MACHINE

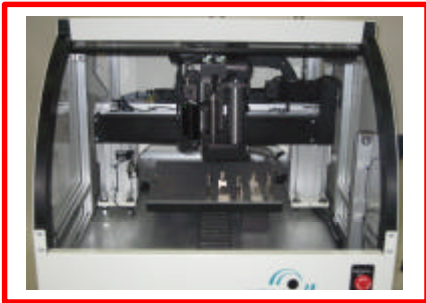
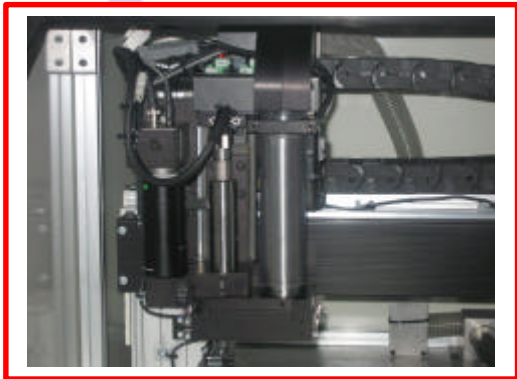
CUSTOMER SATISFACTION.....“Whatever it takes”

STANDARD FEATURES:

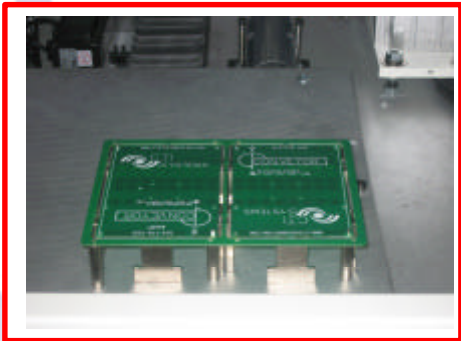
- **Manual Load/Unload**
 - Product is manually loaded and unloaded using the front access window.
 - Tooling fixtures are mounted to a quick change locating base.
- **Positioning System**
 - Split Axis System with Over head Z/Y Servo Gantry
 - Load Table – X Axis Servo
 - THK Precision linear slides and bearing
- **Router Driver**
 - 60K RPM
 - Brushless Motor, Air Cooled
 - .0005” Routing Accuracy
- **Router Bits**
 - .032” to .125iameter
- **Debris Vacuum**
 - Dual Top and Bottom
 - 99 cfm @ static pressure of 88 inches of water per vacuum
 - Optional Heavy Duty Bottom Vacuum
- **Software**
 - PC Controls
 - Programmable Positions
 - Recall Programming from Recipe
 - On Screen router monitoring
- **Broken Bit Detection**
- **Automatic Wear Compensation**
- **Positioning Accuracy**
 - .0005” Standard
 - .0002” Optional
- **Repeatability**
 - .0005”
- **Routing Speed 120 IPM**
- **Operator Interface**
 - 15” HMI Monitor
- **Built in Safety Features**
 - E-stop Switch
 - E-Stop Interlocked Door Switches
 - Lock Out Panel Switch
 - Automatic Front Load Door



SPINDLE & CAMERA



TOOLING FIXTURES



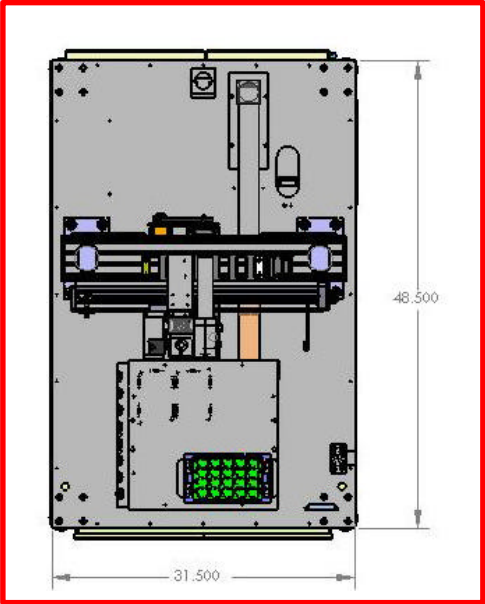
OPTIONS:

- Automatic Tool Changer (Max RPM 50K)
- Push button Tool Change
- 20K to 100K RPM Speed
- Light Tower with Alarm
- Product Hold Down Fixture
- Fiducial Camera
- 20” X 20” & 24” X 24” Product Size
- Heavy Duty Vacuum
- Bar Code Reader
- Ionized Air Blower

AUTOMATIC ROUTER MACHINE

CUSTOMER SATISFACTION.....“Whatever it takes”

Foot Print, Top View



Front View, Door Closed



Tool Change



Software



SPECIFICATIONS:

- PCB Size:..... Min. 2" X 4" Max.14" X 14"
- Work Height:37.5" + - 2"
- Edge Clearance:3mm from edge of PCB
- Air Requirements:2 cfm @ 25 PSI
- Power Requirements: ...15 amps @ 220VAC
- Max PCB Component Height..... 4"
- Cycle Times:
 - Consult Factory for Cycle time.

Vacuum System



Rear View

