



GSR2280 Semi Auto Router Machine



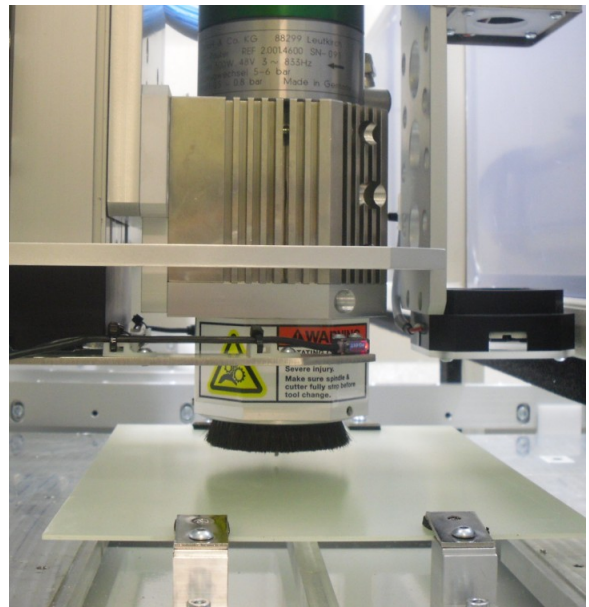
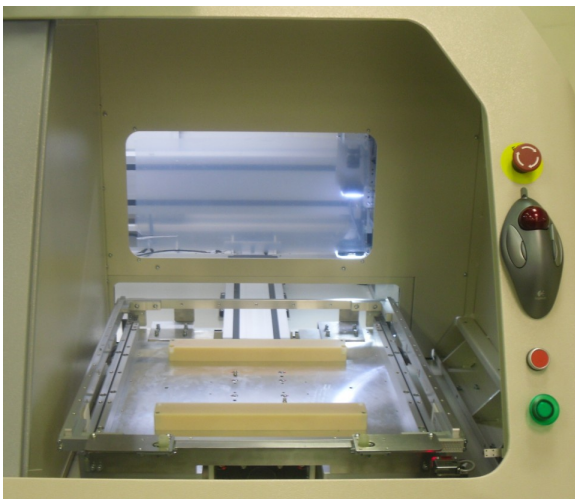
GSR2280 is included in Getech's new range of Router Machines. It is a stand alone router machine specially designed to route (de-panelize) printed circuit board assemblies (PCBA) into individual assemblies.

The GSR2280 can accommodate larger PCBs in its two table configuration with maximum panel size of 550mm x 585mm (21.5" x 23").

A new Graphical User Interface (GUI) with Getech's "Move, Teach & Cut" advanced control software provides user friendly "visual" programming for rapid and accurate online programming.

FEATURES:

- Large range of panel size up to 550 mm x 585 mm (21.5" x 23")
- Powerful servo motors powered axis
- CE Certification (Option)
- Dual Vacuum Blowers
- Automatic Sliding Doors
- Up to 30% faster than the GSR 1 Series



SPECIFICATIONS:

Manipulator

- | | |
|---------------------------|------------------------------------|
| Configuration | : X, Y, W & Z axis |
| Manipulator Motors | : 4 axis AC brushless servo motors |
| Manipulator Repeatability | : ±0.02mm |
| Resolution | : ±0.01mm |



Workstation

- Board Positioning : Dual workstation with nest fixture or pin fixture
- Panel Location : Located by tooling holes or edges of PCB
- Loading : Manual Loading
- Unloading : Manual Unloading
- Panel Size : 550 mm x 585 mm (21.5" x 23")
- Panel Thickness : 0.5 mm – 8.0 mm

Spindle System

- Spindle motor : 0.5kW spindle with ESD Ceramic bearings
- Tool Change : Manual tool change
- Cooling : Ambient cooled
- Router bit : Shank size 3.175 mm (1/8")

Dust filtration system

- Power : 2 x 3.0 kW rotary vane vacuum blower
- Filtration : 3 stage filtration with disposable filter bag (10 microns)

Vision system

- Video camera : High resolution CCD video camera,
: PCB Fiducial capturing (Optional)

Programming

- On line : Vision assisted point to point manual teaching
- Editing Function : Dry run vision assisted / test run mode
- Variable Functions : Tool bit diameter compensation, Filter change interval (distance) setting.
Other options available.

Safety Feature

"E" Stops, Spindle stop, Spindle motor overheat & Servo overload detection, Enclosed work area and Automatic Sliding doors with sensors.

MACHINE DIMENSIONS & UTILITIES

- Machine size : 1.67 M x 1.62M x 1.70M
- Weight : 1200kg
- Power Supply : (options available)

OPTIONS

- Bar code support: 1D or 2D
- Fiducial alignment



ISO 9001:2008 CERT NO.: 622220

Local Agent:

