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

The information herein is subject to change without notice and should not be construed as a commitment by Getech Automation Pte Ltd. Address: 201, Woodlands Ave 9, #05-50, Spectrum 2, Singapore, 738955. Tel: (65) 6756 9722/23 Fax: (65) 657560770 www.getecha.com
**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

The information herein is subject to change without notice and should not be construed as a commitment by Getech Automation Pte Ltd.
Address: 201, Woodlands Ave 9, #05-50, Spectrum 2, Singapore, 738955. Tel: (65) 6756 9722/23 Fax: (65) 657560770 www.getecha.com