

An innovation for the trimming process of Multilayer PWB. PATENT PENDING Realized an amazing save energy and change of the out-shape trimming system for the Multilayer PWB.

Feature

- 1** This special cutting system is available for any kind of Multilayer materials such as the halogen free materials, and can reduce the cutting dust greatly.
- 2** Multilayer copper and board can be cut smoothly and trouble free from the cutting tips by using the special cutting system.
- 3** After the X-ray drilling process, this machine detects these 2 guide hole with CCD camera, and then perform the trimming & beveling operation based on these guide hole.
- 4** Compact design and special cutting system can realize the save energy and smaller installation space (Approx. Power : 5A- AC200V 3P Space : 5500 x 2550 mm). An easy maintenance is realized by excluding the slitters operation.
- 5** Compact body rearized reducing installation space by 40%.
- 6** The PC with HME-650W/WF can control all the machines in the line.
- 7** An unified control is possible by using PC Net-work Full automatic operation is also available by connecting with X-ray drilling machine.

Dust hose guide

Prevention from hose damage

Camera alignment monitor

Acceptable Thickness

0.16~3.2t

Processing speed

650W=Less than 13sec./panel

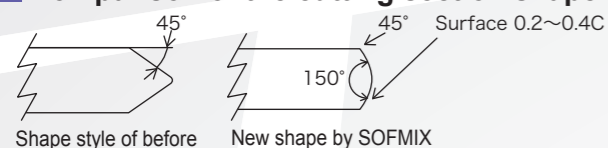
650WF=Less than 10sec./panel

X-ray drilling machine
Loading position

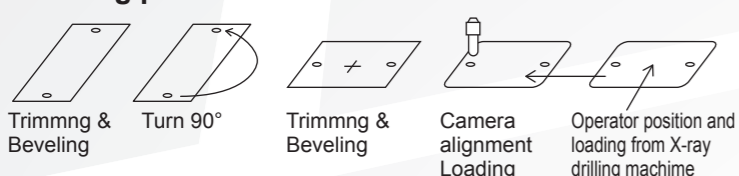
Loading pads and take out the NG panel



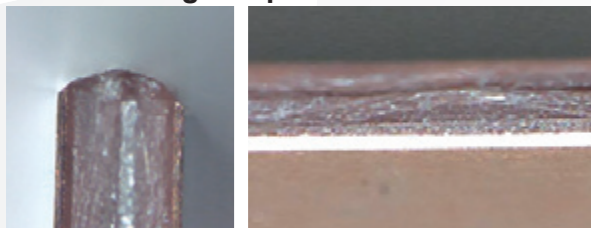
Comparison of the cutting section shape



Cutting process



Processing sample



Cutting section



The cutting tips are taken out certainly by using the chucks. Free from the tips trouble.

Transport table section (650WF)



Transport adsorption table is exchangeable.

Correspond system to the thin panel. Unloading pads section (650W)



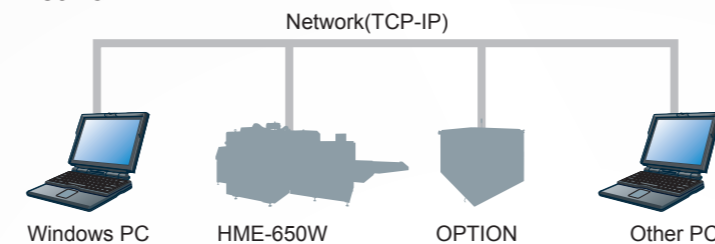
Panel support can prevent the bending for the thin panel.

Camera alignment section



Camera visual area is large (30mm x 30mm) to prevent the NG for the out-of visual area.

Network



Easy Edit

