VMS-700CA v-scoring machine with CCD camera
0.3~3.2mm thickness board is available.

Easy operation

1 Easy operation of the machine can be available by data-input to Windows-based personal computer.

Graphical easy operation is realized by the registration of the x and y directions data in windows os.
3kinds of the web-thickness in 1cycle are possible.

2 The v-scoring depth is automatically set by input the cutter radius form.

Cutters can be exchanged easily from the front side of the machine.

3 Upper and below V-cutters allows an easy control of the cutters. (Max. 100 V-scoring operations in one panel are performed.)

PAT. No.3623896/3683803
VMS-700CA with Auto Loader and Un-Loader

Safe processing

The CCD camera detects the center of the two registered holes(or marks) on the board and make the alignment of the board. After reconfirmation of the alignment, v-scoring is perfomed.

After clamping the board on the table, high precision v-scoring can be realized for even twist and warp board.

The processed board can be discharged by special designed belt conveyor.

The jump cutting and the cutting depth are controlled by servo-motor,so safe and high precision operation can be performed.
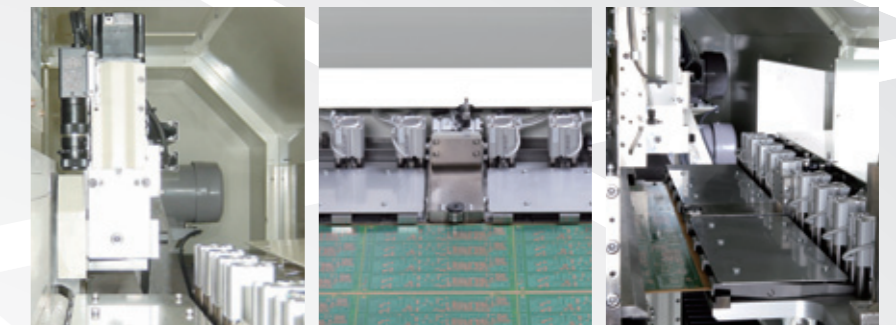
Both alignment system based on the registered hole(mark) and panel edge.

The advanced system

Point.1

High precision v-scoring can be performed by CCD camera alignment as well as on panel edge basis.

Point.2

All cutting and measuring data can be stored in p/c and can be used as cutting data.
The reconfirmation system after making alignment is available.

Point.3

The data input from an external p/c and contact to the data base are available(option).

Example for reference

Registered holes : φ0.5~5mm
Registered marks : ●▲■ Max4×4mm

The high precision V-scoring for the large size (Max. 620mm) board which has a lot of slit holes can be performed by confirming the registered holes with CCD Camera.

Registered Mark

Registered Mark

Registered Mark
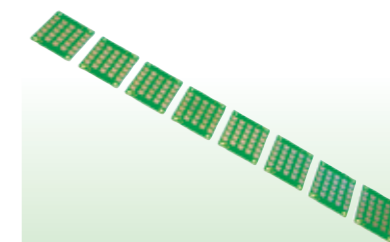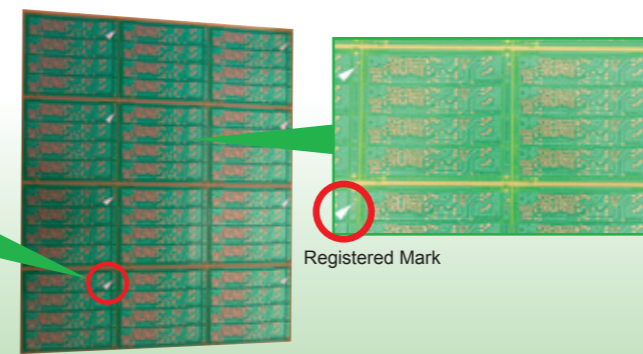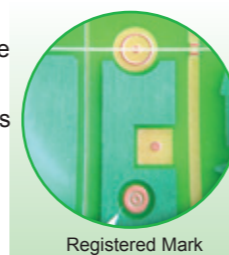
V-scoring operation based on panel edge is also possible. (Same as VMS-500).

φ120×20p×30°(standard)
Material: Diamond chip