

All-purpose V-CUT PCB Separator SM-4000



Pneumatically driven and electric control
The machine is pneumatically driven and electric control. The straight knife type separator machines were designed to separate pre-scored panel boards carefully, without bending or tension stress. Even sensitive SMD-components like ceramic capacitors will not be damaged by the separate process. Due to the special design of the knives also boards with high components placed close to the edges can be separated safely. Based on a proven method of separating, wedge-shaped knives are used to cut the panels within the groove. This enables boards of less than 1 mm thickness to be separated safely and without creating stress.

Features

- 1, No vibration during the process to prevent damage to precise PCB
- 2, Gap for insertion of the board can easily be adjusted by means of the adjusting knob in the top side of the machine, low friction design is applied.
- 3, Lower knife height adjustable, the front and rear portion can be adjusted separately. No thin plates are required after re-sharpening the knife.
- 4, Operation and maintenance can be done also by unskilled personnel

Specification:

Power Voltage: 90~240VAC

Air pressure: 5Kgs/cm²

Output : 12.5 ton(Gross)

Part-Up height: 39mm (max)

Part-Down height : 19mm (max)

Effective length: 350mm,

PCB thickness: 0.1mm~1.0mm (without v-grooved)

Weight : 170kg

Upper blade: 350mm(L)*58mm(W)*7mm(T)

lower blade: 360mm(L)*39mm(W)*7mm(T)

cut running: 350mm

protect times : 200000 times ,can abrade 3-4 times

Machine dimension: 500mm*650mm*1050mm

PCB board	
PCB cut thickness A	0.8mm-3.2mm
PCB V-grooved thickness B	standard: 1/3 of A max: 0.8 mm
V-grooved dimension C	min: 0.25mm
After cutting the size of the appearance of increase	0.1-0.2mm

