

SM-620 PCB Depaneling Machine

Application

Separate precise SMD thin board, aluminum PCB, for special board , please check with Service.

Introduction

Apply latest pneumatic design of light weight, the PCB could be separated in one time, with minimum internal stress, especially suitable to separation of precise SMD or thin board. Unlike double round blade PCB separator, there won't be any bow wave or micro crack generated.

It uses wedge cutter to shear PCB in line, internal stress decreases to lowest point even the sensitive SMD modules or capacitance still won't be influenced, then potential risk on quality is minimized.

Cutter blade applies SKH-11 high speed steel imported, also suitable to separate PCB without V-slot.



Features

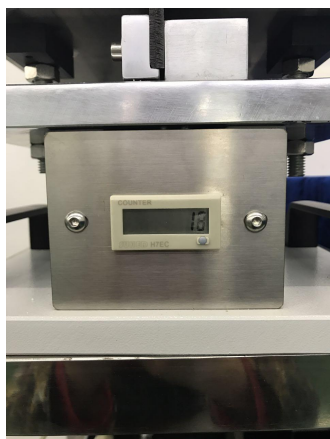
1. Double straight blade, highly suitable to separate SMD thin board and aluminum PCB
2. Guillotine type, for PCB of thickness 0.2 to 3.0mm, cutting moving distance 1 to 3mm, safe operation.
3. keep internal stress within 80-180Ue, to avoid micro crack and damage to precise components.
4. able to shear edge of V-slot, distance from the component should $\geq 0.3\text{mm}$
5. shear rate is one segmentation per second, control by foot-plate pneumatic switch
6. with calculation function, obvious vision on productivity
7. shear blade group is started passively, shear line and position can be handled safely
8. shear not by rolling blade, no dust, no motor drive, no pollution of carbon dust
9. shear is not by blade friction, so there is no residue from blade
10. Shear Blade warranty 6000000 times, no need electricity supply, then no consumption on electric equipment.
11. Air pressure 0.4-0.6Mpa, no need to prepare specific place for the shear
12. Could configure moveable working shelf, can move and operate conveniently.

Technique Parameter

Model	SM-620
Machine Dimension	680×250×450mm
Machine Weight	138KG
Moveable Shelf Size	720×755×420mm
Working Voltage	220V
Working Pressure	0.4-0.6Mpa
Power	16.8W
Shear Length	0-330mm
Shear Width	0-unlimited
Shear Thickness	0.2-3.0mm
Shear Speed	one segmentation per second
Blade Size	356×45×6mm
Height of component	≦ 15mm, when component is on upper side ≦ 19mm, when component is on back
Distance between component and V-Groove	≧ 3mm

Details Function

Calculator, obvious vision on productivity



Blade edge of 18 degree, shear of Guillotine type, keep internal stress within 80-180Ue, to avoid micro crack and damage to precise component.

