

## Guillotine type plate splitting machine

### I. Description

Adopting the latest pneumatic and lightweight design, it can complete the shear stress-free cutting stroke in one go, especially suitable for cutting precision SMD or thin plates. There are no BOW WAVES and MICRO CRACKS produced during circular knife debonding. Use wedge-shaped cutters to linearly deboard, minimizing shear stress so that sensitive SMD components and even capacitors are not affected. Potential product quality risks are minimized. The cutting stroke is less than 1-2MM, so there are no concerns about operational safety. The tool is made of high-speed steel and precision ground and can be ground and used repeatedly. It is also suitable for thin plate splitting operations without V-CUT.



### II. Features

1. After the tool is worn, it can be reground for free.
2. Double straight knife slitting, especially suitable for cutting precision SMD thin plates and aluminum circuit boards.
3. Use 5-7KG air pressure, no specific cutting place is required; just wipe the appearance with anti-rust maintenance oil.
4. Reduce the internal stress generated during board cutting to less than 180uE to avoid tin cracks and damage to precision parts.
5. Non-roller (wheel knife, knife feed) cutting, no dust, no motor drive, no toner pollution.
6. The cutting knife group is passively activated, which can safely control the cutting line and position; the cutting stress is small and it is not easy to form cracks.
7. Guillotine-style work, suitable for PCBs of various thicknesses. The cutting stroke is less than 1-2mm, so there are no concerns about operational safety.

### III.Specification

Model	ASC-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-slot	3mm