

508/509

Application Range:

Suitable for diversified glass fibre board, FR-4 board, aluminum board, etc, especially for the PCB with components on both faces.

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Feature:

- 1 When PCB array is separated after soldering, its components and circuit might be hurt by internal stress. 508/509 shears PCBs by the moving blade, which could decrease internal stress occurred during the shear, internal stress keeps in range of 500-800uE, to avoid solder crack and component fracture.
- 2 508/509 uses round blade (UP) and strip blade (Down).When start to shear, place PCB on strip blade, step on foot-plate gently, the round blade would move along the edge of strip blade, then PCB is separated totally, and the edge sheared is smooth and clean
- 3 Independent development, controlled by micro computer, with counter function,
- 4 Round blade moving speed 0-500, adjustable
- 5 Round blade moving distance 0-356/500mm(blade custom is available), blade height slight adjustment:0-2mm, suitable to PCB of different thickness, which solves the problem of different depth of V-slot. More, platform height is also adjustable: 17-93mm
- 6 The moving blade (round blade) could set the position to stop , according to specific length of the PCB. The position to stop is to be set manually.
- 7 Maximum PCB width: unlimited, maximum PCB length (shear length) 356mm/500mm, PCB thickness: 0.2 to 2mm
- 8 Height limitation of component on PCB(UP face): 0-35mm (distance between component and

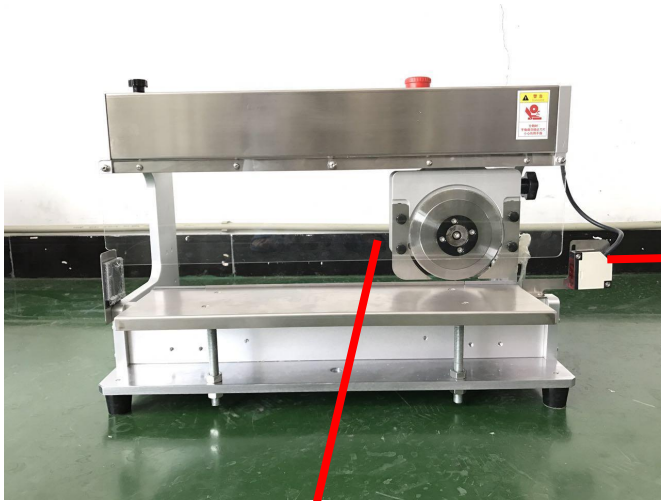
V-slot $\geq 3\text{mm}$);

Height limitation of component on PCB (Down face): 0-74mm (distance between component and V-slot $\geq 25\text{mm}$)

- 9 Blades made by SKH-11 high speed steel imported, durable, can work again after polish.
- 10 Conveyor could be added as an option, which used to move out PCBs conveniently after shear is done
- 11 You could choose to limiting device and clamp (extra charge), for PCB of different size, to raise efficiency.
- 12 Light curtain and blade shell, double-security, keep operator safe.

Technique Parameters:

Model	ASC-508-360	ASC-509-360	ASC-508-500	ASC-509-500
Host Size	620×400×430mm	1090×400×430mm	840×400×430mm	1190×400×430mm
Weight	Approx 45KG	Approx 61KG	Approx 50KG	Approx 65KG
Voltage	220V/60Hz(110V/50Hz)	220V/60Hz(110V/50Hz)	220V/60Hz(110V/50Hz)	220V/60Hz(110V/50Hz)
Pressure	None	None	None	None
Power	200W	200W	200W	200W
Blade size	Round blade: $\Phi 125 \times 30 \times 3\text{mm}$ Strip blade: 356×45×6mm		Round blade: $\Phi 125 \times 30 \times 3\text{mm}$ Strip blade: 500×45×6mm	
Blade material	High speed steel imported	High speed steel imported	High speed steel imported	High speed steel imported
PCB thickness	0.1-2.0mm	0.1-2.0mm	0.1-2.0mm	0.1-2.0mm
Shear Length	1-360mm	1-360mm	1-500mm	1-500mm
Shear Speed	0-500mm/s adjustable	0-500mm/s adjustable	0-500mm/s adjustable	0-500mm/s adjustable
Shear Width	Unlimited	Unlimited	Unlimited	unlimited
PCB compatible	fiber glass board, FR-4 board, aluminum board			
Platform Height adjustable	17-93mm			
Component Height (Up face)	0-35mm(distance between component and V-slot $\geq 3\text{mm}$)			
Component Height (Down face)	0-74mm (distance between component and V-slot $\geq 25\text{mm}$)			



Blade Sheell



Light curtain