



Catálogo

Offline PCB Cutting Machine AUO 4000 / 4000c



AUO PCB Mutting Machine AUO 4000/4000c



The semi-automatic (offline) PCB Separator is the best solutions to fit the mass production in SMT line.

Dual working table enhances the production efficiency. Standard 2 machine models are applicable for different PCB sizes (330 x 350mm, 450 x 520mm).

At same time Aurotek provides customize options to meet the specific demand of PCB production.

Friendly interface, accurate PCB depaneling along with dual working table brings you more productive production experience.

Efficient

- A. High horsepower industrial dust-collectors
- B. Small dust-collecting duct designed for upward or downward dust extraction systems
- C. Duct is close to the milling area, removing dust at once while depaneling

Accurate

- A. KURODA high precision ball screw
- B. Panasonic servo motor
- C. Sycotec spindle
- D. Advantech industrial computer
- E. Aurotek motion control card
- F. Aurotek Vision System

We guarantee: $Cpk \geq 1.33$

Positioning Repeatability $\pm 10 \mu m$

Cutting Accuracy $\pm 80 \mu m$

Speedy

- A. High-speed axis modules reaches up to (max.) 1200mm/s
- B. Maximum cutting speed 100mm/s
- C. 2 parallel processing tables. Maximize production throughput while minimizes idle time
- D. Customized fixture and tools. Production changeover can be done in just a few seconds

Yield Increasing

Easy to use is a MUST.

We design machines for:

- A. Manageability
- B. Usability
- C. Safety
- D. Traceability

WORKING AREA	X: 450 mm, Y: 520 mm
Working Table	2
PCB Thickness	0.8 ~ 3.0 mm
PCB Component Height (Max.)	PUpward: 15 mm, Downward: 45 mm
Motion Control	4 Axes with Panasonic AC Servo Motors
Moving Speed	Standard: X, Y: 1,000 mm/sec, Z: 750 mm/sec Maximum: X, Y: 1, 200 mm/sec, Z: 750 mm/sec
Cutting Speed	0 ~ 100 mm/sec
Cutting Accuracy	±80 µm
Positioning Repeatability	±10 µm
Cutting Modes	Linear, Circular, U-Curve, Arc, L-Curve
Standard Bits	Ø 1.0 mm, Ø 1.2 mm, Ø 1.6 mm, Ø 2.0 mm
Operating System	Windows 10
Pneumatic Pressure	0.5 / 0.6 Mpa (5 / 6 Bar)
Working Height	890 ~ 940 mm
Dimensions (W x D x H)	1789 x 1400 x 1435 mm *Signal Light - 561 mm
Net Weight (Approx.)	620 KGS
Vacuum Cleaner	3 HP or 5 HP
Standard Spindle	Sycotec High Speed Spindle
Standard Monitor	22" Full HD Monitor
Power Supply	3 Phase AC 220 V±5% 50 Hz/60 Hz, 4.0 kw