

CAB MAESTRO 5L MOTORIZED PCB SEPARATOR (UP TO 16 BLADES)



SKU: 146991A



MAESTRO 5L PCB SEPARATOR

Cab MAESTRO 5L - Motor-driven PCB separator. It can be used economically when large quantities of pre-scored PCBs have to be separated.

It can simultaneously cut up to 15 PCBs arranged next to one another.

Solid and precisely manufactured blade shafts ensure smooth PCB separation. The hardened and ground, titanium coated circular blades achieve a high running performance.

Cab product no.: **8934520** - Blade shafts and circular blades are NOT included (to be ordered separately).

Functioning

310 mm is the maximum passage width. **The distances and the number of circular blades are adapted to the PCB.**

PCBs are inserted to the guide manually or can be loaded automatically (by a loader or an external conveyor belt). When separated, PCBs are deposited on the built-in conveyor belt.

With the SMEMA interface provided, installation in an assembly line is possible (information in the operator's manual).

With the help of a vertically adjustable base frame, MAESTRO 5L can be adapted to any application.

A connection to extraction and filter systems is set up.



Specifications

- Separation method (component side, solder side): circular blade
- Number of blades to be accommodated: up to 16 for each blade shaft
- Separation speed: 100-220 mm/s (to be set in 10 steps)
- **PCB width: up to 310 mm**
- **PCB length: 100-570 mm** (light barrier activated), **up to 2000 mm** (light barrier deactivated)
- Typical increase in external dimensions after separation: 0.2 mm
- Residual off-cut width: at least 3 mm
- Component height: up to 30 mm (component side), up to 10 mm (solder side)
- PROGRAMMING
 - Display: Separation speed, Separation length or number of PCBs
 - Control buttons: Start, Stop, Reverse
 - Programming buttons: Separation speed setting
 - Monitoring: Detection of separation length, Accumulation before / behind the blades, Conveyor belt stopping
- Interfaces: External start / stop, SMEMA (round, 14 pins)
- Power supply: 230/115 Vac, 50/60 Hz
- Dimensions (WxDxH): 440 x 750 x 1000/1100 mm
- Weight: 63 kg
- Approvals: CE, FCC Classe A.