

## 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.