

PCB separator MAESTRO 6



Separating pre-scored PCBs up to 1,200 mm in length with a minimum of stress on the components

With the MAESTRO 6 we have consequently further developed our proven PCB separators.

Even very lengthy PCBs are separated fast, economical and stress-free. The power unit of the carriage is right behind the linear blade. This crucially simplifies the separation and removal of the PCBs.

Important features

- PCB materials FR4, CEM3 and aluminum
- Circular blades to be adjusted one by one
- Separation length to be adjusted continuously
- The height of the support table is ergonomically adjustable.
- For preventive maintenance of the blades the cutting performance is indicated.
- A conveyor belt can be provided to automatically store the separated PCBs.

Control buttons

- Move carriage to initial position
- Separation length adjustment:
PCB separation in two steps
PCB separation in three steps
- Separation speed adjustment
- Indication of total cuts (up to 9,999)
- Indication of full separation length (up to 9,999 km)
- "E-stop" safety switch
- Foot switch to start the separation

Technical data		6/600	6/900	6/1200	6/1500*
Type of separation	Component side Solder side	Linear blade / 3 circular blades to be adjusted one by one			
Separation		optimized			
Separation speed		up to 500 mm/s			
Material		FR4, CEM3, aluminum			
Height of component	Component side Solder side	up to 16 mm up to 16 mm			
Separation length up to		600 mm	900 mm	1200 mm	1500 mm
Depth of support table		200 mm			
Voltage		100 - 240 VAC, 50/60 Hz			
Emission sound pressure level		LpA < 70 dB (A)			
Temperature / humidity	Operation Storage	+ 5 - 40°C / 10 - 85% + 0 - 60°C / 20 - 80%			
not condensing	Transport	- 25 - 60°C / 20 - 80%			
Weight		40 kg	45 kg	50 kg	55 kg
Height x Depth		350 x 450 mm			
Width		1,150 mm	1,450 mm	1,750 mm	2,050 mm
Approvals		CE, FCC class A			

The pre-scored groove can be interrupted by cutouts.	
In case of protruding components a linear blade with cutouts is needed; in such a case contact us	
Extension of the outside dimensions after separation	typically 0.2 mm

*Length 1,500 mm in preparation