

Maestro 4X/450/ALU depaneling unit



The MAESTRO 4X enables fast, economical and user-friendly depaneling of PCBs - for both small and large formats.

Main features:

- Blade distance is set via the control panel and precisely adjusted by motor
- Up to nine programs can be saved and recalled at any time
- The cutting length can be infinitely adjusted via limit switches
- A cutting performance display supports predictive maintenance of the blades

When the scoring groove is traversed once, sensitive components can be damaged by tensile and compressive stresses, especially if they are close to the groove. These stresses are significantly reduced by passing over the scoring groove twice in combination with a motorized readjustment of the blade distance. This improves the quality of the assembled PCBs sustainably and reproducibly.

- Cutting principle: placement side roller blade / solder side linear blade
- Cutting process: path-optimized, motor drive
- Cutting speed: 300, 500 mm/s, switchable
- Materials: Aluminum
- Component height placement/soldering side: up to 76 mm
- Cut-off length: up to 450 mm
- Deposit table depth: 690 mm
- Start: Move to start position
- Programs: 9
- Cutting steps: 1-5
- Blade distance: 0.9-0.05 mm
- Key button: Unlock program selection
- Cutting distance display: up to 99 km
- DEL: Resetting the steps
- Mains switch: ON/OFF
- Foot switch: START cutting process
- Safety switch: Emergency stop
- Voltage: 100-240 VAC, 50/60 Hz
- Emission sound pressure level: $L_pA < 70 \text{ dB (A)}$
- Temperature/humidity operation: $+10-35 \text{ }^\circ\text{C}$ / 10-85 %
- Temperature/humidity Storage: $0-60 \text{ }^\circ\text{C}$ / 20-80 % non-condensing
- Temperature/humidity Transport: $-25-60 \text{ }^\circ\text{C}$ / 20-80 %
- Width x height x depth: 702 x 434 x 425 mm
- Weight: 37 kg
- Approvals: CE, FCC Class A

Item no.	WL93453
Manufacturer	CAB
Manufacturer article no.	8937733.520
GPSR manufacturer data	CAB Produkttechnik Wilhelm-Schickard-Straße 14 DE-76131 Karlsruhe www.cabgmbh.com
Length	702 mm
Width	434 mm
Height	425 mm
Scope of delivery	1x depaneling machine 1x mains cable type E+F, length 1.8 m 1x foot switch 1x hexagon wrench 2 mm 1x support table including mounting set 1x Measuring device

	1x Operating instructions DE/EN
Sales unit	1 piece
Content unit	1 piece
Material	Aluminum
Incl. battery	no
Speed (max.)	500 mm/s
Frequency	50/60 Hz
Voltage	100 – 240 V
Matching accessories	Rollmesser, Messerschutz, Linearmesser 450
ESD compliant	yes

