

# PCB Separator MAESTRO 3E



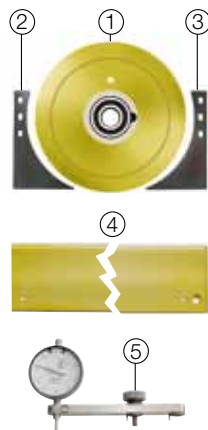
## Separating of aluminum-boards on request

MAESTRO 3E separates both small and large pre-score PCBs. The table and the rest can be continuously adjusted to the most suitable working position. The slit between the linear blade and the rest can be adjusted to ensure that the side strips fall through and are sorted out.

## Safe Operation

The PCB is placed with its pre-scored groove onto the linear blade and the circular blade is then drawn by hand across the PCB. The clearance between the upper guide and the linear blade is adjustable to ensure that the PCB is only separated in the pre-scored groove.

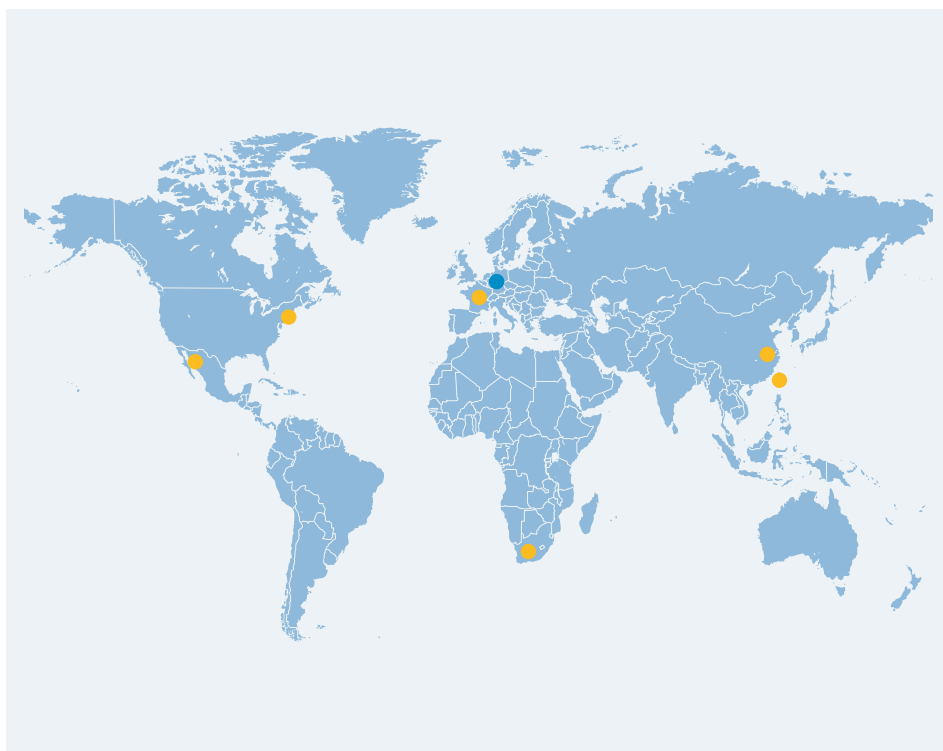
Maximum height of components next to the groove.	
If components project above the groove, the linear blade needs to be cut out. In such a case contact us.	
PCB thickness A	0.8 - 3.2 mm
Remaining PCB thickness B	typical 1/3 of Dim. A, max. 0.8 mm
Depth of scoring C	min. 0.25 mm
Increase in external dimensions after separation	0.1 - 0.2 mm
The pre-scored grooves can be interrupted by cutouts with a length of up to approx. 5 mm.	
<b>Technical data</b>	
Separation type	Component side circular blade Solder side linear blade
Operation	by hand
Separation length	max. 450 mm
Earthing stud	Ø 10 mm
Storage/transport temp.	10 - 35° C
Storage/transport temp.	-20 - 50° C
Humidity, not condensing	10 - 85%
Safety regulations	CE, FCC class A
Weight	22 kg
Dim H x W x D	455 x 350 x 700 mm



Part No.	Description		
<b>8933945</b>	PCB Separator MAESTRO 3E/450		
Pos.	Part No.	Consumables	PU
1	<b>8930509.001</b>	Upper circular bladeSchutz	1
2	<b>8930603.001</b>	Guide 2 up to serial no. 1999	1
2	<b>8936615.001</b>	Guide 2 from serial no. 2000	1
3	<b>8930602.001</b>	Guide 1 up to serial no. 1999	1
3	<b>8936614.001</b>	Guide 1 from serial no. 2000	1
4	<b>8933394.001</b>	Linear blade 450/370	1
Pos.	Part No.	Accessories	PU
5	<b>8970208.001</b>	Dial gauge for MAESTRO 3/4M	1

- *Headquarters in Germany*
- *cab subsidiaries*  
*350 distribution partners*  
*in more than 80 countries.*

*cab is represented in every active commercial center - worldwide.*



## [www.cab.de](http://www.cab.de)

### Germany

cab Produkttechnik  
GmbH & Co KG  
Postfach 1904  
76007 Karlsruhe  
Wilhelm-Schickard-Str. 14  
76131 Karlsruhe  
Telefon +49 721 6626-0  
Telefax +49 721 6626-249  
[www.cab.de](http://www.cab.de)  
[info@cab.de](mailto:info@cab.de)

*Representatives in other countries on request.*

### France

cab technologies s.a.r.l.  
67350 Niedermodern  
Téléphone +33 388 722 501  
[www.cab.de/fr](http://www.cab.de/fr)  
[info.fr@cab.de](mailto:info.fr@cab.de)

### USA

cab Technology Inc.  
Tyngsboro MA, 01879  
Phone +1 978 649 0293  
[www.cab.de/us](http://www.cab.de/us)  
[info.us@cab.de](mailto:info.us@cab.de)

### South Africa

cab Technology (Pty.) Ltd.  
2125 Randburg  
Phone +27 11-886-3580  
[www.cab.de/za](http://www.cab.de/za)  
[info.za@cab.de](mailto:info.za@cab.de)

### Asia 亚洲

cab Technology Co, Ltd.  
**希爱比科技股份有限公司**  
Junghe, Taipei, Taiwan  
Phone +886 2 8227 3966  
[www.cab.de/tw](http://www.cab.de/tw)  
[info.asia@cab.de](mailto:info.asia@cab.de)

### China 中国

cab (Shanghai) Trading Co., Ltd  
**铠博(上海)贸易有限公司**  
Phone +86 21 6236-3161  
[www.cab.de/cn](http://www.cab.de/cn)  
[info.cn@cab.de](mailto:info.cn@cab.de)

*This documentation and any translations hereof are the property of cab GmbH & Co KG.*

*The replication, processing, reproduction or distribution in whole or in parts requires our prior written consent. © Copyright bei cab/9008452.*

*All delivery, design and technical specifications are compiled to the best of our current knowledge and are subject to change without prior notice.*