

## Portable Circular Carpentry Saw MKS 185 Ec

ref.no.: 924801

EAN: 4032689061887

▶ boxed



### Technical data

Cutting depth	4 1/8 - 7 5/16 Inch
Cutting depth at 45°	2 15/16 - 5 3/16 Inch
Cutting depth at 60°	2 1/16 - 3 11/16 Inch
Tilt range	0 - 60 °
Nominal No. of strokes – no load	1400 - 1700 1/min
Nominal power input	4.0 hp
Weight	35.5 lbs
Universal motor	230 V / 50 Hz

### Delivery specification

- 1 Allen key 6 mm; Ref. No. 093081
- 1 TCT saw blade 450 x 2.5/4.2 x 30 mm (17 11/16 in.), AT, 20 teeth; Ref. No. 092536
- 1 Parallel guide fence
- 1 Mains cable 10 m (32.8 ft); Ref. No. 087612

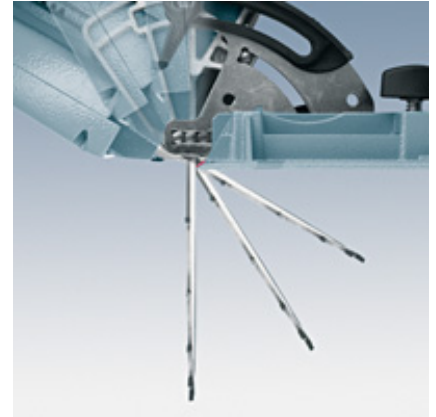
## Examples for usage



Top results, as shown here with the MKS 185 Ec, can only be achieved with original MAFELL tools.



The cutting depth can be adjusted easily via a precise handwheel.



The tilt range of 0° – 60° enables extreme bevel cuts.



With a tilting range of 60°, the MKS 130 Ec is ideal for compound miter cuts. Even at this angle, the maximum cutting depth remains an impressive 65 mm (2 9/16 in.).

## Applications

---

- ▶ Cross-cutting and rip cuts
- ▶ Bevel cuts up to 60°
- ▶ General joining work
- ▶ Compatible materials include solid wood, laminated beams, insulating materials, composite boards

## Advantages

---

- ▶ With CUprex, the high-performance motor
- ▶ Unique ratio between maximum stability and minimum weight.
- ▶ High quality standard means lower machine costs and longer service life.
- ▶ Constant cut display for 0° - 60° - due to exact centre of rotation, which is on the underside of the base plate.

## Description

---

In a class of its own: heavy-duty 3000 Watt (3.8 hp) motor for extreme 185 mm (7 5/16 in.) cutting performance!

The saw's handling and behavior are refined by smooth starting, constant speeds under load, speed reduction and overload protection.

The easy-to-use stop system, the low noise emission and the remote-controlled retractable knife guard make your work much easier.

The very smooth-running height adjustment with its clearly legible scale and an effective brake also ensure perfect cutting results and optimum operator safety.

## Accessories / Tools



**TCT saw blade**  
450 x 2.5/3.8 x 30 mm (17 11/16 in.), AT, 12  
teeth, for ripping cuts



**TCT saw blade**  
450 x 2.5/4.2 x 30 mm (17 11/16 in.), AT, 20  
teeth, for universal use



**Guide rail**  
length 3 m (9.8 ft) (one piece)



**TCT saw blade**  
450 x 2.5/4.5 x 30 mm (17 11/16 in.), AT, 34  
teeth, for fine cuts



**Adapters (pair)**  
for parallel guide fence



**Guide rail F 160**  
1.6 m (5.2 ft) long



**Guide rail F 310**  
3.1 m (10.2 ft) long



**Angle fence F-WA**



**Guide pocket set**  
2 x F 160 + F-VS + 2 x F-SZ 180 MM + 1 guide  
pocket



**End cap F-EK**  
2 pieces



**Splinter guard F-SS 3,4M**  
3.4 m (11.2 ft.) long



**Guide rail**  
length 3 m (9.8 ft) (2 pieces with connecting  
piece)



**TCT saw blade Sandwich**  
450 x 3,0/3,4 x 30 mm, Z 86, FZFA/FZFA, for  
sandwich boards with metal insert or metal top  
layers



**Guide rail extension**  
length 1,5 m (4.9 ft)



**Guide rail F 80**  
0,8 m (2,6 ft) long



**Guide rail F 110**  
1.1 m (3.6 ft) long



**Guide rail F 210**  
2,1 m (6,9 ft) long



**Connecting piece F-VS**  
for joining two guide rails



**Guide pocket F 160**  
for guide rails up to 1,6 m



**Guide pocket set**  
F 80 + F 160 + F-WA + F-VS + 2 x F-SZ 180MM  
+ Guide pocket



**Non-slip profile F-HP 6,8 M**  
6.8 m (22.3 ft.) long



**Lever clamp F-SZ 180MM**  
2 pieces, for fixing guide rail to workpiece

## contact

---

MAFELL AG

Beffendorfer Straße 4  
D-78727 Oberndorf / Neckar  
Germany

Tel.: +49 7423 / 812-114  
Fax: +49 7423 812-102  
Email: [export@mafell.de](mailto:export@mafell.de)