

## Portable Circular Saw K 85 Ec

ref.no.: 91C601

EAN: 4032689229010



- ▶ With CUprex, the high-performance motor
- ▶ Electronic control
- ▶ boxed



### Technical data

Cutting depth	0 - 3 7/16 Inch
Cutting depth at 45°	0 - 2 7/16 Inch
Cutting depth at 60°	1 1/16 - 1 3/4 Inch
Tilt range	0 - 60 °
Nominal power input	3.1 hp
Weight	14.8 lbs
Universal motor	230 V / 50 Hz
Nominal No. of strokes – no load	2250 - 4400 1/min

### Delivery specification

- 1 TCT saw blade 237 x 1.8/2.5 x 30 mm (9 5/16 in.), AT, 12 teeth, for rip cuts in wood; Ref. No. 092590
- 1 Hose connector for chip extraction; Ref. No. 205290
- 1 Allen key 5 mm; Ref. No. 093034
- 1 Mains cable 4 m (13.1 ft); Ref. No. 087888

## Examples for usage



Thanks to the unique tilting system, the sawblade always cuts directly along the rubber lip, irrespective of the angle setting.



Working close to the edge is facilitated by the K 85-UA roller edge guide. Use the scale marked on the arm to set the spacing.



By retracting blade alongside the second handle, offering up the machine is easy and safe, especially when executing bevel cuts.



The sawblade and pivoting guard can be locked with a single action. This practical solution engages the starting lockout at the same time.

## Applications

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- ▶ Cross-cutting and rip cuts
- ▶ Bevel/compound miter cuts up to 60°
- ▶ Birdsmouth cuts
- ▶ Plunge cuts
- ▶ Chamfers and grooves
- ▶ Compatible materials include solid wood, board materials, insulating materials, doors, worktops and internal finishing and renovation materials

## Advantages

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- ▶ The K 85 / K 85 Ec offers an enhanced cutting depth of up to 88 mm (3 7/16 in.). Even when used in conjunction with the guide rail, it achieves an exceptional depth of 82 mm (3 3/16 in.).
- ▶ Optimum chip ejection, especially when sawing insulating materials.
- ▶ Sawing to mark. The pointer adjusts automatically to the set tilt angle.
- ▶ The cutting depth is set and locked in a single, quick action.
- ▶ Thanks to the new tilting arrangement of the K 85 / K 85 Ec, reading the scale is easier than ever before.
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## Description

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The MAFELL portable circular saw combines power and precision with ease of use and ergonomic design. These properties transform the machine into a unique system.

Sheer power and high torque take on a whole new meaning with the new high-output CUprex motor. It offers performance-optimized digital electronics and newly developed control technology. Its speed is continuously variable according to the nature of the material and application.

It is no longer necessary to unscrew the riving knife – the FLIPPKEIL offers you optimum user-friendliness and safety when plunge cutting.

## Accessories / Tools



**Guide track L**  
max. cutting length 370 mm (14 9/16 in.)



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



**Roller edge guide**  
K 85-UA



**L-MAX**  
with insert



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



**Angle fence F-WA**



**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



**Flexible hose FXS-L**  
up to 3,2 m (10.6 ft) long



**Parallel guide fence**



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



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



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



**Guide rail F 310**  
3,1 m (10,2 ft) long



**TCT saw blade**  
237 x 1,8/2,5 x 30 mm (9 5/16 in.), AT, 24 teeth,  
for rip cuts and cross-cutting in wood



**TCT saw blade**  
237 x 1,8/2,5 x 30 mm (9 5/16 in.), AT, 56 teeth  
for cross-cutting in wood



**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



**Suction clamping system Aeroxfix**  
F-AF 1  
with 1,3 m rail, adapters for above and  
underneath rail, flexible hose



**TCT saw blade**  
237 x 1,8/2,5 x 30 mm (9 5/16 in.), AT, 12 teeth  
for rip cuts in wood

## contact

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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)