Portable Circular Saw K 85 Ec in L-Max - USA 120 V



ref.no.: 918233

EAN: 4032689189437

- With CUprex, the high-performance motor
- Electronic control
- in MAFELL L-MAX case

Technical data

Cutting depth	0 - 3 7/16 Inch
Cutting depth at 45°	0 - 2 7/16 Inch
Cutting depth at 60°	1/16 - 1 3/4 Inch
Tilt range	0 - 60 °
Weight	14.8 lbs
Universal motor	120 V / 60 Hz
Nominal power input	2.4 hp
Nominal No. of strokes – no load	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 Parallel guide fence; Ref. 205323
1 Hose connector for chip extraction; Ref. No. 205290
1 Allen key 5 mm; Ref. No. 093034
1 Mains cable 4 m - GB 110 V; Ref. No. 087803

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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.

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Applications

- 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

- 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

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.

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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

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