Cross-Cutting System KSS 80 Ec / 370 - GB 110 V



ref.no.: 918522

EAN: 4032689188256

- boxed

Technical data

Cutting depth at 0° with guide track	0 - 3 1/4 Inch
Cutting depth 45° with track	0 - 2 3/16 Inch
Cutting depth at 0□° without guide track	0 - 3 7/16 Inch
Cutting depth at 60°	0 - 1 1/2 Inch
Angle cuts	-60 - +50 °
Tilt range	0 - 60 °
Nominal No. of strokes – no load	2250-4400 1/min
Weight with guide rail	18.3 lbs
Universal motor	110 V / 50 Hz
Nominal power input	2.4 hp

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 Guide track L, max. cutting length 370 mm (14 9/16 in.); Ref. No. 208171
1 Mains cable 4 m - GB 110 V; Ref. No. 087803

MAFELL AG · Beffendorfer Straße 4 · 78727 Oberndorf a. N. · Germany
Telefon +49 7423 / 812-0 · Fax +49 7423 / 812-218 · E-Mail mafell@mafell.de · **www.mafell.de**

Examples for usage



One-stop solution: in view of the saw´s connection to the guide track, this is the world´s first and only single-handed cross-cutting system.



The highly graduated scale permits very precise angle setting.



The fixed and adjustable stops on the underside of the rail allow the system to be used for angle cuts from +50° to -60°.



The KSS 80 Ec / 370 can be detached easily and quickly from the system rail for use with an existing guide rail.

MAFELL AG · Beffendorfer Straße 4 · 78727 Oberndorf a. N. · Germany
Telefon +49 7423 / 812-0 · Fax +49 7423 / 812-218 · E-Mail mafell@mafell.de · **www.mafell.de**

Applications

- Cross cuts with guide
- Rip cuts and cross-cutting
- Plunge cuts and recesses
- Compatible materials include solid wood, board materials, insulating materials, doors, worktops and internal finishing and renovation materials

Advantages

- The cutting depth is set and locked in a single, quick action.
- The rubberized underside ensures a good grip on the work and avoids damage to the surface.
- The quick-release catch enables you to detach the machine from the rail in a single, quick action. The saw can then be used as a separate portable circular unit with all the functionality of the MAFELL KSP series.

Description

The MAFELL KSS 80 Ec / 370 cross-cutting system combines power and precision with ease of use and ergonomic design. These properties transform the machine into an unique carpentry system.

Once the cut has been executed, the saw automatically returns to the starting position. The maximum cutting length, exploiting the full cutting depth, is 370 mm (14 9/16 in.).

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.

MAFELL AG · Beffendorfer Straße 4 · 78727 Oberndorf a. N. · Germany
Telefon +49 7423 / 812-0 · Fax +49 7423 / 812-218 · E-Mail mafell@mafell.de · **www.mafell.de**

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

MAFELL AG · Beffendorfer Straße 4 · 78727 Oberndorf a. N. · Germany
Telefon +49 7423 / 812-0 · Fax +49 7423 / 812-218 · E-Mail mafell@mafell.de · **www.mafell.de**

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