

## Cross-Cutting System KSS 80 Ec / 370

ref.no.: 918501

EAN: 4032689187969

▶ 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
Nominal power input	3.1 hp
Weight with guide rail	18.3 lbs
Universal motor	230 V / 50 Hz

### 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 (13.1 ft); Ref. No. 087888

## 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  $+50^\circ$  to  $-60^\circ$ .



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

## Applications

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- ▶ 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

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- ▶ 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

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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 a 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.

## 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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