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compactfastuniversalprecise



KSS 300 cross-cutting system

Technical data:	
Cutting depth	0 - 40 mm (1 9/16 in)
• Cutting depth at 15°	0 - 38 mm (1 1/2 in)
• Cutting depth at 30°	0 - 34 mm (1 5/16 in)
• Cutting depth at 45°	0 - 27 mm (1 1/16 in)
• without rail	0 - 42 mm (1 5/8 in)
Tilting range	0° - 45°
Cutting length	292 mm (11 1/2 in) with 40 mm (1 9/16 in) thick work
	337 mm (13 3/4 in) with 20 mm (13/16 in) thick work
Dimensions including rail	550 x 200 x 200 mm (21 5/8 x 7 7/8 x 7 7/8 in)
Nominal speed - no load	8800 rpm
Nominal speed - normal load	6500 rpm
Nominal power consumption	900 W (1.2 hp)
Universal motor	230 V / 50 Hz
Weight including rail	3.2 kg (7.1 lbs)

Special accessories / tools:	Ref. No.
• Flexi-Guide, 1.4 m	204372
• Screw clamp for fixing rail to work	093281
• TCT sawblade 120 x 1.2/1.8 x 20 mm / 32 alternating teeth, for universal use	092558
• TCT sawblade 120 x 1.2/1.8 x 20 mm / 40 flat/trapezoidal teeth, for fine sawing	092559
• TCT sawblade 120 x 1.2/1.8 x 20 mm / 12 alternating teeth, for ripping	092560

Delivery specification:	Qty.	Ref. No.
KSS 300 MaxiMAX cross-cutting system in MAFELL-MAX case		916702
KSS 300 MidiMAX cross-cutting system in MAFELL-MAX case		916701
Flexi-Guide, 1.4 m (MaxiMAX only)	1	202870
TCT sawblade 120 x 1.2/1.8 x 20 mm / 40 flat/trapezoidal teeth	1	092559
Parallel fence	1	203180
Hose connector	1	203782
Allen key	1	093074
Cable, 4 m	1	087323

KSS 300 MidiMAX  
KSS 300 MaxiMAX



Subject to design modifications and changes to delivery scope in the interests of progress · 04/05 · Printed in Germany

Your MAFELL authorized dealer:



# KSS 300 cross-cutting system: A small machine for big performance indoors

One system, five saws, one case: the KSS 300 can be used as a cross-cut saw, plunge-cut saw, shadow gap saw or portable circular saw with or without the Flexi-Guide for extra guidance when cutting.

In combination with the roll-up Flexi-Guide, precise guided cuts up to 1.4 m long can be executed with consummate ease.

Perfect edging: the circular saw's spacers enable you easily to make exact expansion joint cuts with widths from 13 mm.

## Tools/ special accessories

Lengths ahead: with the special steel Flexi-Guide, which rolls up to save space, cuts as long as 1.4 m are not a problem.



TCT sawblades for ripping and fine sawing are available for the KSS 300 cross-cutting system.



## The KSS 300 cross-cutting system.

In internal finishing, one thing is important above all else: precision. Designed for supreme handling, the KSS 300 cross-cutting system therefore focuses on all the key functions for this type of work. Fastening the portable circular saw to the KSS rail creates a very practical single-handed cross-cutting system for bevel and miter cuts; once the cut has been executed, the saw automatically returns to the starting position. Offering a maximum cutting depth of 42 mm, the portable circular saw delivers ample power in all situations. Thanks to magnesium die-cast components, this especially neat and lightweight saw weighs only 2.6 kg. The entire, compact sawing system is accommodated in the MAFELL MAX carrying case – it is an ideal tool for shadow gaps, rip, bevel, plunge and angled cuts, as well as free-hand work.

### Starting lockout

Prevents the saw being switched on inadvertently. Centrally located for easy operation by left and right-handed users.

### 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.



### Cable clip

Prevents abrasion by keeping the cable away from the edge of the rail, keeps both hands free and enhances safety.



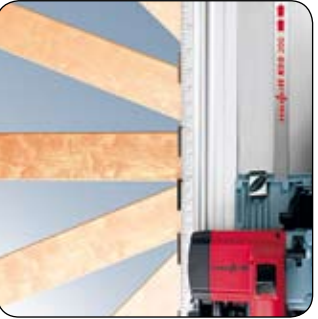
### Stop system for angle cuts

The smart stop and adjustable fence with large scale increments for exact angle settings facilitate very precise and consistent miter cuts.



### Miter cuts

Miters and more: simple execution of cuts for all angle joints from + 45° to – 60°. The most common angle settings engage in the rail to make the work as quick and precise as possible.



### Tilting system

The pivot point of the KSS 300 is on the side, on the bottom edge of the rail. This has the advantage of requiring only a single tracing pointer for all angles – with or without the rail.

### Rubber lip

The rubber lip acts as a marking and cutting edge for all cuts from 0° to 45°. It also ensures clean, tear-free cuts.



### Plunge-cut system with FLIPPKEIL

Detachable riving knives are a thing of the past – MAFELL's knife remains exactly where it should be when the blade enters the work: attached to the saw.