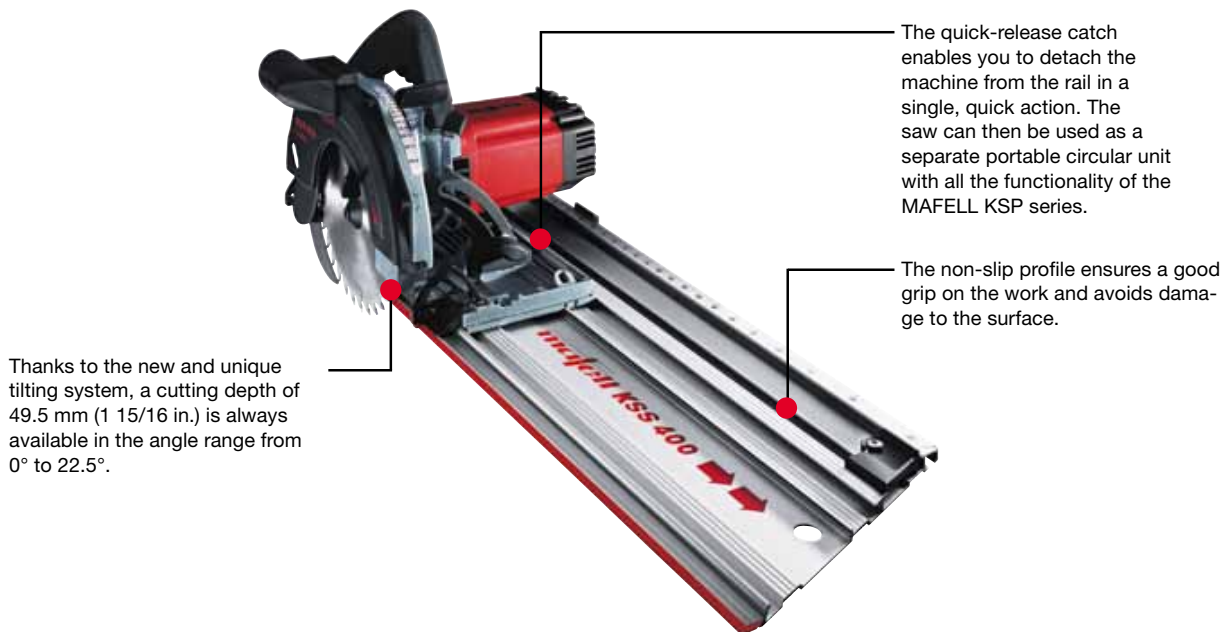


Cross-Cutting System

KSS 400



Thanks to the new and unique tilting system, a cutting depth of 49.5 mm (1 15/16 in.) is always available in the angle range from 0° to 22.5°.

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.

The non-slip profile ensures a good grip on the work and avoids damage to the surface.

Product features

- Free-standing operation without a rest
- Unique rail system
- Plunge Cut System with FLIPPKEIL

Application area

- Cross cuts with guide
- Rip cuts and cross-cutting
- Plunge cuts and recesses
- Compatible materials include board materials, doors, worktops, parquet and laminate flooring, cladding

Product description

Forget everything you know about portable circular saws!

The MAFELL KSS 400 cross-cutting system is completely different. Its novel feature is the unique guide track that not only guides the portable circular saw, but is also connected to it to form a single unit: the KSS 400 cross-cutting system.

It's clearly a cut above the rest. The KSS 400 cross-cutting system enables you to saw in a standing position and without a rest, with angular precision and with only one hand on the machine. Its handling is unbeatable: thanks to magnesium die-cast components, the entire system weighs only 5.2 kg (11.5 lbs).

Once the cut has been executed, the saw automatically returns to the starting position. The maximum cutting length, exploiting the full cutting depth, is 400 mm (15 3/4 in.).

Technical data

	KSS 400
Cutting depth 0° to 22.5° with guide track	0 - 49,5 mm
Cutting depth 45° with track	0 - 38 mm
Cutting depth 0° to 22.5° without guide track	0 - 55 mm
Cutting length	400 mm
Tilt range	0 - 45°
Nominal input	1100 W
Angle cuts	-60 - +60°
Nominal no-load speed	5200 1/min
Weight	5,2 kg
Universal-motor	230 V / 50 Hz

Delivery specification

Cross-Cutting System KSS 400	916501
Cross-Cutting System KSS 400 with guide rail 1,6 m	916511
Cross-Cutting System KSS 400 in carrying case	916502
Cross-Cutting System KSS 400 in carrying case with guide rail 1,6 m	916516

Delivery scope includes:

1 TCT saw blade 160 x 1,2/1,8 x 20 mm (6 5/16 in.), AT, 32 teeth	092552
1 Parallel guide fence (916502 + 916511)	
1 Guide bow (916501 + 916511)	203208
1 Hose connector for chip extraction	200042
1 Allen key 5 mm	093034
1 Mains cable 4 m (13.1 ft)	087323

Conversion table for inches, pounds, horsepower please find on page 132.

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Price list page 4



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 KSS 400 can be detached quickly and easily from the guide track for operation with an existing guide track.

The smart stop and adjustable fence allow the saw to be used for angle cuts from 0° to 60° in either direction.

The highly graduated scale permits very precise angle setting.



Accessories / Tools		
Image	Description	Ref. No.
	Guide rail F 80 0,8 m (2.6 ft) long	204380
	Guide rail F 110 1,1 m (3.6 ft) long	204381
	Guide rail F 160 1,6 m (5.2 ft) long	204365
	Guide rail F 210 2,1 m (6.9 ft) long	204382
	Guide rail F 310 3,1 m (10.2 ft) long	204383
	Connecting piece F-VS for joining two guide rails	204363
	Angle fence F-WA	205357
	Aerofix F-AF 1 suction clamping system with rail, adapters for above and underneath rail, flexible hose	204770
	Flexible hose FXS 1000MM up to 3,2 m (10.6 ft) long	205276
	Guide pocket F 160 for guide rails up to 1,6 m	204626
	Guide pocket set: 2 x F 160 + F-VS + 2 x F-SZ 100MM + 1 guide pocket	204805
	Guide pocket set: F 80 + F 160 + F-WA + F-VS + 2 x F-SZ 100MM + guide pocket	204749
	End cap F-EK 2 pieces	205400
	Non-slip profile F-HP 6,8M 6,8 m (22.3 ft.) long	204376
	Splinter guard F-SS 3,4M 3,4 m (11.2 ft.) long	204375
	Screw clamp F-SZ 100MM for fixing guide rail to workpiece, 2 pieces	205399

Accessories / Tools		
Image	Description	Ref. No.
	Guide track 770 max. tilt range 770 mm (30 5/16 in.)	204378
	Parallel guide fence with wing screws	203214
	Mushroom-shaped handle 201451 as additional machine guide, with fixing screw	201451
	Carrying case with insert	204240
	TCT saw blade 160 x 1,2/1,8 x 20 mm (6 5/16 in.), AT, 32 teeth	092552
	TCT saw blade 160 x 1,2/1,8 x 20 mm (6 5/16 in.), AT, 24 teeth	092533
	TCT saw blade 160 x 1,2/1,8 x 20 mm (6 5/16 in.), AT, 16 teeth	092539

Detailed information about our products
www.mafell.com