Portable Circular Carpentry Saw MKS 165 Ec



ref.no.: 924501

EAN: 4032689061856

- boxed

Technical data

Universal motor	230 V / 50 Hz
Cutting depth	3 3/8 - 6 1/2 Inch
Cutting depth at 45°	2 3/8 - 4 9/16 Inch
Cutting depth at 60°	1 5/8 - 3 1/4 Inch
Tilt range	0 - 60 °
Nominal No. of strokes – no load	1500 - 1800 1/min
Nominal power input	3.8 hp
Weight	33.7 lbs

Delivery specification

1 Allen key 6 mm; Ref. No. 093081
1 Parallel guide fence
1 TCT saw blade 410 x 2.5/4.2 x 30 mm (16 1/8 in.), AT, 28 teeth (MKS 165 Ec); Ref. No. 092525
1 Mains cable 10 m (32.8 ft); Ref. No. 087612

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Examples for usage



Top results, as shown here with the MKS 165 Ec, can only be achieved with original MAFELL tools.



The cutting depth can be adjusted easily via a precise handwheel.



The tilt range of 0° – 60° enables extreme bevel cuts.



The constant cut display.

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Applications

- Cross-cutting and rip cuts
- Bevel cuts up to 60°
- General joining work
- Compatible materials include solid wood, laminated beams, insulating materials

Advantages

- Continuously variable speed control for individual requirements and applications.
- Lower saw guard with remote control - for easy release of the saw blade, e.g. when positioning at sharp angles.
- Constant cut display for 0° - 60° - due to exact centre of rotation, which is on the unterside of the base plate.
- With tool brake - for optimum operator safety and work processes.

Description

Carpenter´s portable circular saws with extraordinary weight/performance ratio. Only possible due to the use of ultra-modern die-cast magnesium alloys.

Tilt through 60° makes the portable circular saws a universal partner.

An easy-to-read scale on the cutting depth adjustment makes work easier and saves tiresome re-measurement.

The saw´s handling and behavior are refined by smooth starting, constant speeds under load, speed reduction and overload protection.

The easy-to-use stop system of the MKS and the adjustable hose connector make your work much easier.

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Accessories / Tools



Guide rail
length 3 m (9.8 ft) (2 pieces with connecting piece)



Guide rail extension
length 1,5 m (4.9 ft)



Adapters (pair)
for parallel guide fence



TCT saw blade
410 x 2.5/4.2 x 30 mm (16 1/8 in.), AT, 28 teeth, for universal use (MKS 165 Ec)



TCT saw blade
410 x 2.5/4.2 x 30 mm (16 1/8 in.), AT, 20 teeth, for ripping cuts (MKS 165 Ec)



Guide rail F 310
3,1 m (10,2 ft) long



Angle fence F-WA



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



Guide rail
length 3 m (9.8 ft) (one piece)



Guide rail F 80
0,8 m (2,6 ft) long



Guide rail F 110
1.1 m (3.6 ft) long



Guide rail F 160
1.6 m (5.2 ft) long



Guide rail F 210
2,1 m (6,9 ft) long



Connecting piece F-VS
for joining two guide rails



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

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