

Insulation saw DSS 300 cc in carrying case

ref.no.: 919601

EAN: 4032689197111

► in carrying case



Technical data

Cutting depth	306 mm
Cutting depth at 45°	206,5 mm
Cutting depth at 60°	142 mm
Cutting width	6 mm
Tilt range	60 °
Tilting range to rear	45 °
Nominal No. of strokes – no load	4700 1/min
Nominal power input	1800 W
Weight	8,25 kg
Universal motor	230 V / 50 Hz

Delivery specification

- 2 Cutting wires, 6 mm wide
- 1 Double-sided toothed belt
- 1 Auxiliary rest/glider
- 2 Cable cover K-Fix
- 1 Mains cable 4 m (13.1 ft); Ref. No. 087323

Examples for usage



Insert a track clamp in both ends of the guide track, offer up the track and press the tips into the material. Attach the glider, offer up the DSS 300 cc, make the cut and the job's done.



Flexible materials, as used to insulate the space between studs for example, can be cut quickly and accurately with the DSS 300 cc as well.



Perfect interaction of all system components and innovative details, including the cutting wire, carbon guide fin and chip sweepers, achieve a high-precision cut.



For exact bevel cuts, the DSS 300 cc can be continuously pivoted through 60° referencing the scale. To make the cut, use an auxiliary rest on or alongside the guide track.

Applications

- ▶ Rip cuts and cross-cutting
- ▶ Bevel cuts
- ▶ Compatible materials include: Wood fiber insulation board (pressure-resistant, flexible), PUR rigid foam (without underlay), Styropor EPS, Styrodur XPS

Advantages

- ▶ 2-Dimensional tilting - The DSS 300 cc can cut at tilt angles up to 60°. In addition, the cutting wire and riving knife can be tilted back through 45°.
- ▶ The carbon guide fin achieves extreme rigidity and, thanks to reduced weight, delivers the required cutting precision.
- ▶ Automatic wire tensioning ensures consistency and supreme cutting quality.
- ▶ The CUprex highperformance motor stands for sheer strength and outstanding motive power.
- ▶ The double-sided toothed belt convey chips and dust away from the kerf and improve both extractor performance and cutting precision.

Description

The MAFELL DSS 300 cc is a unique wire saw for cutting pressureresistant and flexible wood fiber insulating materials. Precision cutting for a perfect fit improves building insulation, eliminates thermal bridges and thus prevents structural damage. The DSS 300 cc is instrumental in ensuring that insulation work is performed with the utmost efficiency.

Perfect interaction of all system components and innovative details, including the cutting wire, carbon guide fin and chip sweepers, achieve a high-precision cut. This integrated system, which also includes the high-capacity extractor S 200 and workbench ST 1700 Vario, is simply unbeatable.

Given the appropriate accessories, insulating materials can be cut precisely in an almost infinite number of ways. The compact and highly flexible workbench allows you to work with extreme accuracy, even when making very long cuts. A more pleasant working atmosphere and ease of handling are ensured by the powerful high-capacity extractor.

Accessories / Tools



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 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 100 MM + 1 guide pocket



End cap F-EK
2 pieces



Machine holder S200-MH



Parallel guide fence
K 85-PA



Guide unit ST-FE 200
incl. guide track, mounting bracket and auxiliary rest



Container 200 I
incl. extractor mounting, hoseguard and 2 chip bags S 200



Double-sided toothed belt DSS-DZ



Splinter guard F-SS 3,4M
3,4 m (11,2 ft.) long



Cable cover K-Fix
2 pieces



Guide rail F 110
1,1 m (3,6 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 100MM + Guide pocket



Screw clamp F-SZ 100MM
2 pieces, for fixing guide rail to workpiece



Track clamp F-FIX
2 pieces



Roller edge guide
K 85-UA



Chip bag S 200
2 pieces



Workbench ST 1700 Vario
Workbench ST 1700 Vario



Cutting wire DSS-SR
incl. 2 sweeper and 1 pulley guard



Non-slip profile F-HP 6,8 M
6,8 m (22,3 ft.) long

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