

Portable Panel Saw System PSS 3100 SE



ref.no.: 916201

EAN: 4032689145372

▶ boxed



Technical data

Cutting depth	0 - 45 mm
Cutting length	3100 mm
Feed rate speed	0,07 - 0,34 m/s
Nominal No. of strokes – no load	2600-5200 1/min
Nominal power input	1490 W
Weight	18,3 kg
Universal motor	230 V / 50 Hz

Delivery specification

1 TCT saw blade 160 x 1.2/1.8 x 20 mm (6 5/16 in.), AT, 24 teeth; Ref. No. 092533

1 Allen key 5 mm; Ref. No. 093278

1 Mains cable 6 m (13.1 ft); Ref. No. 087594

Examples for usage



Due to the saw feed motor and convenient one-man operation panels can be cut easily and fast.



Setting wheel for speed adjustment for various materials.



The perfect system for all panels from e.f. particle boards up to cement fiber panels.



In conjunction with the integrated suction channel and the S 50 M, it eliminates practically all of the dust particles that occur.

Applications

- ▶ Machining and cutting to size of board materials (e.g. timber frame construction)
- ▶ Compatible materials include cement and gypsum fiberboard, plastics, OSB, façade boards, melamine resin panels (Trespa)

Advantages

- ▶ Follow-on fence for panel formats over 3100 mm (122 1/16 in.)
- ▶ Suitable for plunge cuts with the MAFELL-FLIPPKEIL.
- ▶ Considerable price and handling advantages compared to stationary panel saws.
- ▶ The guide rail can be separated quickly and easily - a great aid to transportation.
- ▶ With scoring function - for perfect tear-free cuts.

Description

The PSS 3100 SE from MAFELL is the world's first self-driven, rail-guided and mobile panel saw.

Unique design features ensure that hardly any dust escapes during operation. The PSS 3100 SE disposes of an innovative full-size shroud for the saw blade. In conjunction with the integrated suction channel and the S 50 M, it eliminates practically all of the dust particles that occur.

With MAFELL's newly developed diamond saw blade, the PSS 3100 SE is well equipped for use with mineral containing materials including cement fiber panels.

Full-wave electronics with speed adjustment and smooth starting improve safety and allow the speed to be adjusted for various materials, including plastics. The electronics also ensure constant speed under load and protect the machine against overloading.

Accessories / Tools



Cross fence, 1250 mm
2 pieces required



Guide rail extension 2600
for cutting length of 2600 mm



TCT saw blade
160 x 1.2/1.8 x 20 mm (6 5/16 in.), AT, 16 teeth,
for rip cuts in wood



TCT saw blade
160 x 1.2/1.8 x 20 mm (6 5/16 in.) / FT/TT, 56
teeth, for fine sawing



Saw blade Dia
160 x 2.4/3.0 x 20 mm (6 5/16 in.) / 4
flat/trapezoidal teeth for cement-bonded
materials



Guide rail extension 1600
for cutting length of 1600 mm



DIA saw blade-set
160 x 2.4/3.0 x 20 mm (6 5/16 in.), 4 teeth, for
cement-bonded materials, including riving knife



TCT saw blade
160 x 1.2/1.8 x 20 mm (6 5/16 in.) / AT, 32 teeth,
for fine cuts in wood



TCT saw blade
160 x 1.2/1.8 x 20 mm, (6 5/16 in.). FT/TT, 48
teeth (for Trespa)

contact

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