Portable Panel Saw System PSS 3100 SE - USA



ref.no.: 916223

EAN: 4032689188287

- boxed

Technical data

Cutting depth	0 - 3 1/4 Inch
Cutting length	122 1/16 Inch
Feed rate speed	0.2 - 1.1 ft/s
Nominal No. of strokes – no load	2600-5200 1/min
Nominal power input	2.0 hp
Weight	40.3 lbs
Universal motor	120 V / 60 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

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Examples for usage



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



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.



Setting wheel for speed adjustment for various materials.



Precise cutting depth adjustment due to an exact scale.



For a practically dust-free environment. Compatible with the MAFELL dust extractors S 25 M and S 50 M.



Easy to carry by adjustable handle integrated in rail.



Available as accessories - attach easily to the guide rail of the PSS



Adjustable stop ensures compliance with desired cutting

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3100 SE.

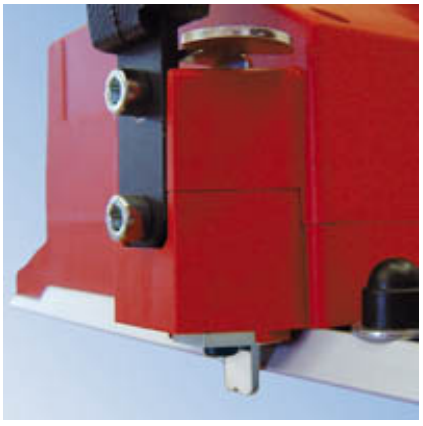
length and allows the blade to exit the work at the end.



Saw unit can be set to scoring for tear-free cuts. Due to the scoring cut the cutting edge is shifted slightly.



The guide rail is separated quickly and easily with the supplied hexagon key driver - a great aid to transportation.



Ensures seamless cuts even in long workpieces.

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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.

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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, 24 teeth, for universal use in wood



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)



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, 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

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