

## Portable Panel Saw System PSS 3100 SE



ref.no.: 916201

EAN: 4032689145372

▶ 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                  | 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.



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

3100 SE.

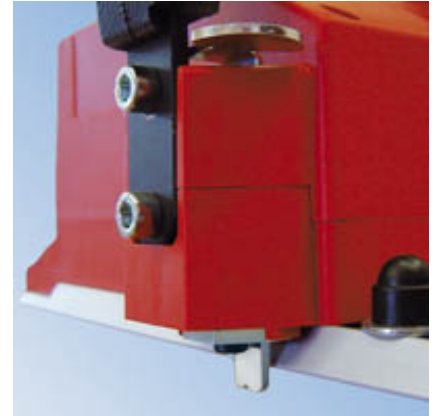
length and allows the blade to exit the work at the end.



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.

## 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, 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

## 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](mailto:export@mafell.de)