

No. 713

Mitre cutting of profile rods with the sliding compound mitre saw



A

Description

Many assembly and fitting tasks require the cutting of profile strips, picture frames or similar strips. In the case of picture frames, as well as for profile rods which are fitted in other areas as cornices, exact cutting to size at specific angles is necessary.

Profile rods are often fitted on ceiling wainscoting to replace a false joint.

In the case of right-angled joints, e.g. picture frames, a perfect and precise 45° cut is a prerequisite for an exact fit.



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B

Tools/Accessories

You need the following tools and accessories for cutting the cable duct:

Designation	Order No.
Multifunction table MFT 3 (guide rail FS 1080/2 and angle stop in scope of delivery)	495315
Plunge-cut saw TS 55 EBQ	561162
Special saw blade 160x2.5x20 TF56 (only for laminate)	439686
CT series mobile dust extractor	

C

Preparation/Set-up



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1. Preparation of the portable circular saw

- Mount saw blade W48 for authentic wood parquet or saw blade TF56 for laminate on the TS 55 EBQ.
- Place the portable circular saw on the folded-down guide rail.
- Set the guide play of the saw on the guide rail at the tabletop (see Fig. 217/5).
- Set the cutting depth on the TS 55 EBQ. The saw blade should cut to a depth of 5 mm (and no more) into the plate of the MFT.
- Set speed level 6 and connect extraction hose.

Tip: It may be necessary to replace the splinterguard at the FS. This is advisable if other saw blades or machines have previously been used on the guide rail. The new splinterguard fitted on the FS is then cut with the TS 55 (see Fig. 217/6). This ensures that the scribe mark can be aligned exactly to the edge of the splinterguard.

2. Preparation of the multifunction table (MFT)

a. Mitre cut

- Set the required angle using the angle stop at the MFT (see Fig. 217/7).
- Check the angle setting using a protractor or bevel (angle of guide rail – stop ruler).
- Adjust the guide rail to the thickness of the panel.

b. Angled cut

- Align the angle stop with the ruler parallel to the rear table edge.

Tip: So that the guide rail does not bend, a reject piece of wood of the same thickness should be laid underneath the guide rail.



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E

Procedure

- Position panel under the guide rail and at the ruler.
- Align the marking on the panel to the rubber lip of the guide rail.
- Position TS 55 EBQ on the guide rail.
- Set machine to saw depth.
- Switch on TS 55 EBQ and saw panel.

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