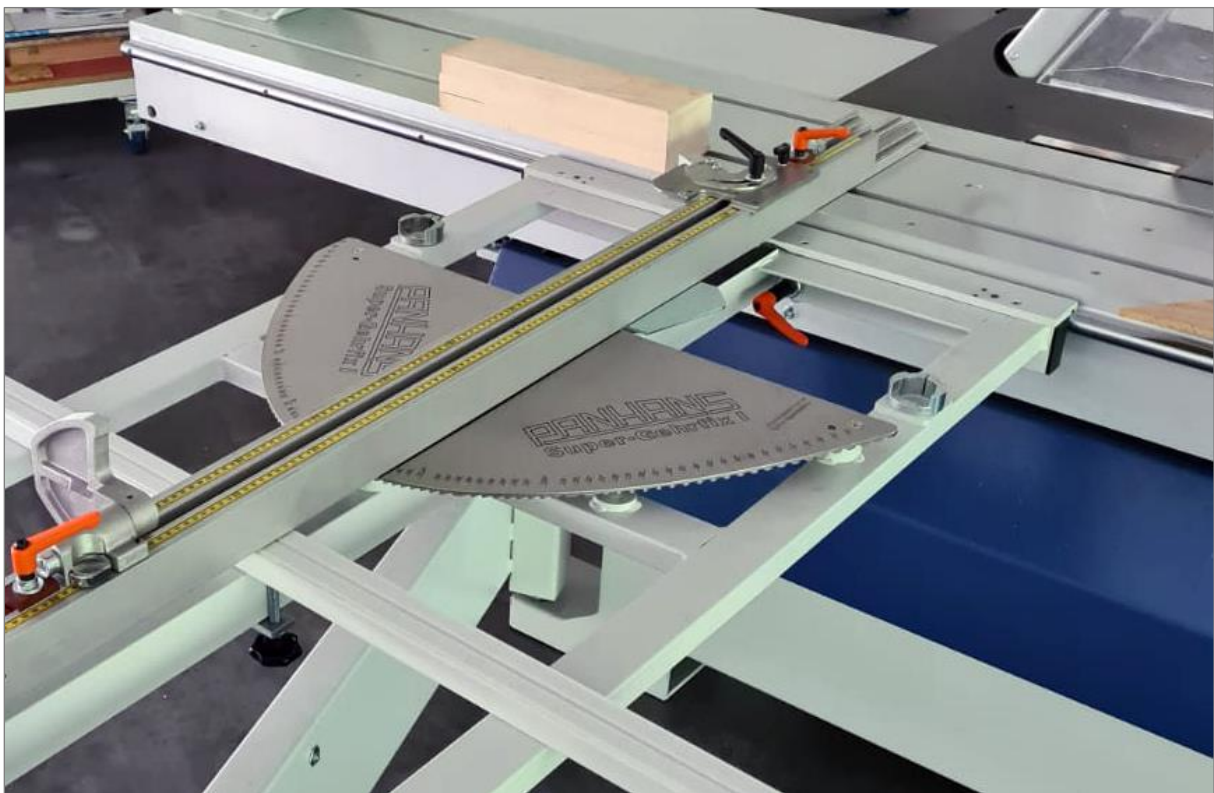




# Operating Manual

## SUPER-GEHRFIX I - Cross-Cut & Mitre Fence

for PANHANS Sliding Table Saws 690 Series and Type V91



<i>Type:</i>	<b>SUPER-GEHRFIX I</b>
<i>For Sliding Table Saws:</i>	<b>690   100 690   200 V91</b>
<i>Article No.:</i>	<b>4315</b>

**HOKUBEMA Maschinenbau GmbH**

Graf-Stauffenberg-Kaserne, Binger Str. 28 | Halle 120

DE 72488 Sigmaringen | Tel. +49 07571 755-0

E-Mail: [info@hokubema-panhans.de](mailto:info@hokubema-panhans.de) | Web: <https://hokubema-panhans.de>

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### Revisions

Revision	Autor	Revision	Date
0	AG	German original translated	17.02.2022

# 1 Functional Description

The combined mitre and cross-cut fence Super-Gehrfix I is suitable for angle cuts from 45° to 135°. Whole degrees and intermediate degrees are available for the angles 67.5/78.75/101.25/112.5°. Automatic length compensation takes place via a stainless steel grid curve.

	<p><b>To use the Super-Gehrfix I it is mandatory to use a saw blade with a thickness of 3.2 mm.</b></p>
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## 1.1 Features

- Allows infinite adjustment of the mitre angle
- Whole degrees and intermediate degrees adjustable
- Fixing points for 90° angles at the front and rear of the cross slide
- Automatic length compensation via grid curve
- Can be combined with the standard cross-cut fence or the optional Tele-Digit

## 1.2 Components & Overview

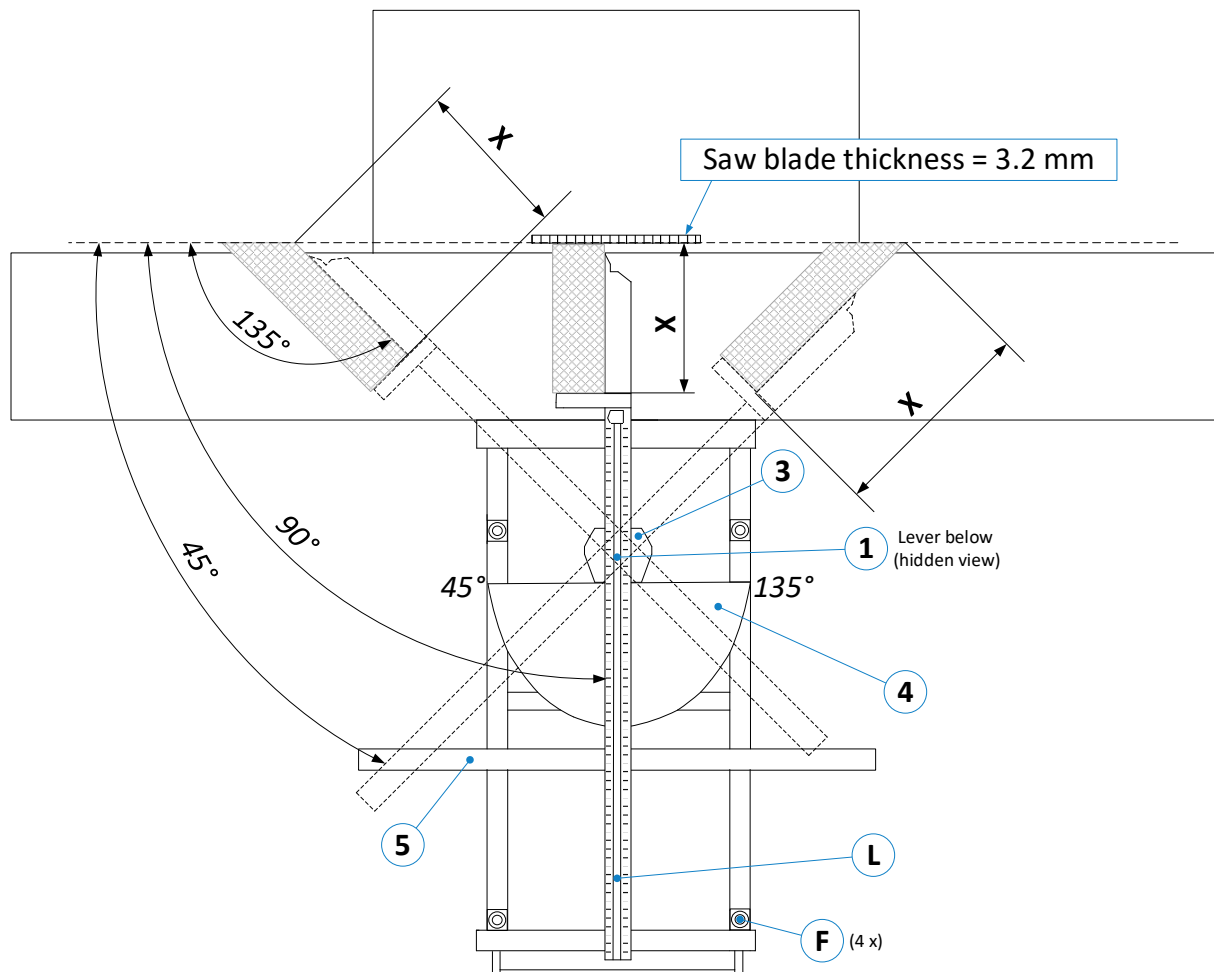


Figure 1: Super Gehrfix I overview

### 1.3 Attach Cross-Cut Fence

The crosscut fence is mechanically connected to the Super-Gehrfix I via the locating pin (2), which is located in the slotted hole for the length compensation.

The procedure is very simple:

- Loosen clamping lever (1) and push the locating bolt (2) in the direction of the stop plate (P) as shown in ⇒ Figure 1 and ⇒ Figure 2.
- Now place the cross-cut fence (L) on the cross slide so that the locating pin (2) can be inserted into the receptacle (X) on the underside of the stop plate (3).
- Then tighten the clamping lever (1) again.

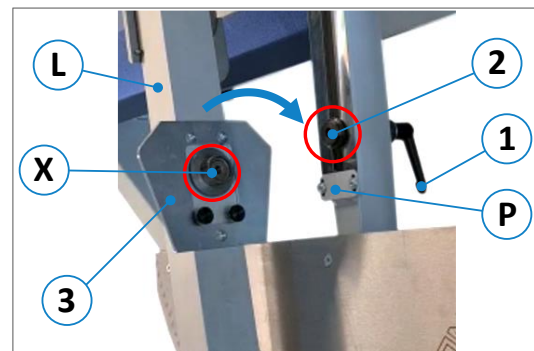


Figure 2: Attach cross-cut fence

### 1.4 Set Length > 1885 mm

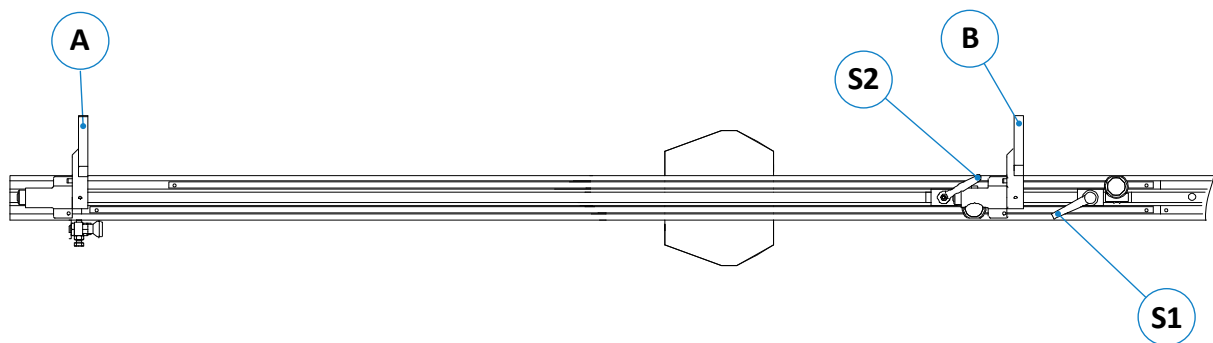


Figure 3: Cross-cut fence


- Loosen flip stop (A) with (S1), set to 1885 mm using magnifying glass and clamp with (S1).
- Loosen flip stop (B) with (S2), move to the desired position and clamp with (S2).

### 1.5 Set Angle to 90 Degrees

For 90° cuts, the cross-cut fence (L) can be used in different positions:

- Via the fixing points (F) on the left or right of the cross slide. To do this, simply release clamping lever (1) lift off the cross-cut fence (L) completely and insert it into the desired fixing points (F).
- Via the grid scale of the Super-Gehrfix I (procedure see section ⇒ 1.6).

### 1.6 Setting Degrees & Intermediate Degrees

	<p><b>For mitre cuts, the cross-cut fence (L) must always rest on the support rail (5) .</b></p>
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- Loosen the clamping lever (1).
- Then turn the cross-cut fence (L) and approach the desired angular dimension on the grid scale via the slotted hole for length compensation → Let it engage at the corresponding angular position.
- Tighten the clamping lever (1) again.

## 1.7 Auxiliary Mitre Fence for Super-Gehrfix



Figure 4: Auxiliary mitre fence

The auxiliary mitre fence is an additional fence to the existing cross-cut fence. It can be combined with the Super Gehrfix I and allows easy adjustment of the length when producing acute and obtuse angles.

The device is used to stop and cut mitres to length without damage and has an adjustable angle and a fixed offset of 100 mm to the flip stop.

By using this auxiliary fence, the length dimension of a workpiece cut at an angle is already automatically correct (exactly as if it would be cut straight at the standard right-angled flip stop).

### 1.7.1 Operating the Auxiliary Mitre Fence

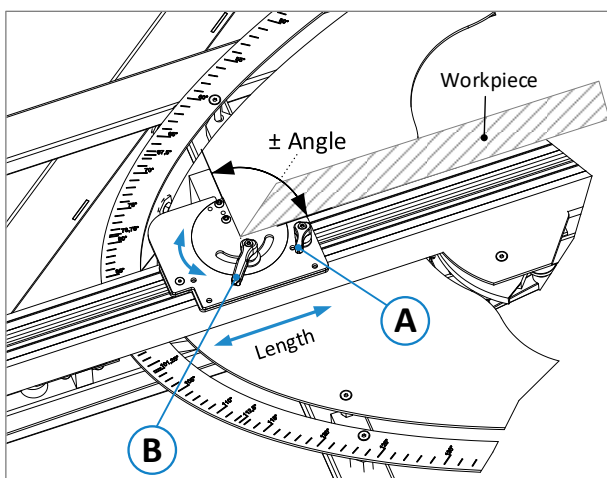


Figure 5: Operating the auxiliary mitre fence

The auxiliary fence has two clamping levers:

1. Clamping lever (A) is used to fix the fence in the groove along the guide unit.
2. By loosening clamping lever (B), the device can be rotated to adjust to the desired angle of the workpiece.