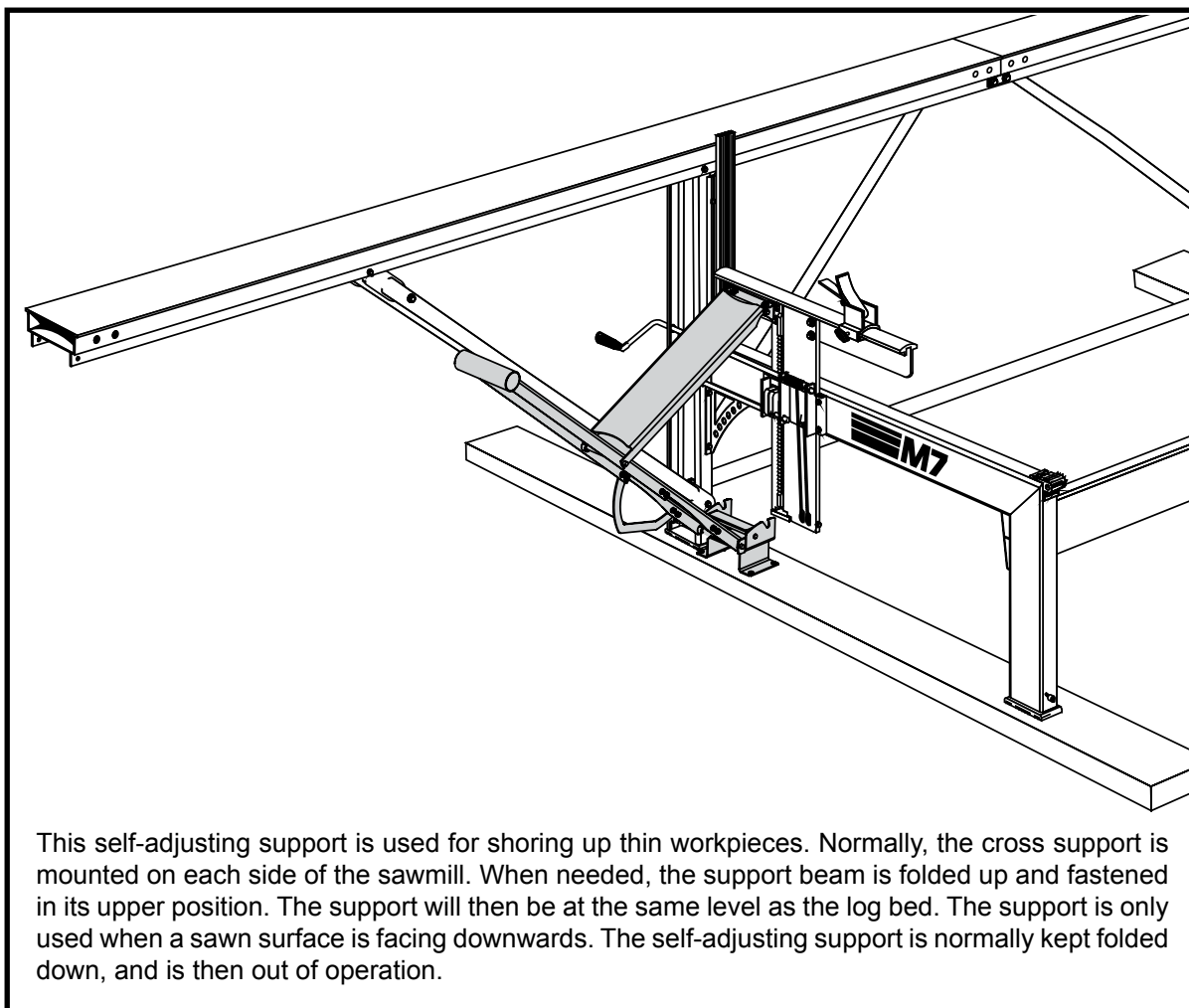


Instructions

X 550

Cross Support for the M7 Sawmill



This self-adjusting support is used for shoring up thin workpieces. Normally, the cross support is mounted on each side of the sawmill. When needed, the support beam is folded up and fastened in its upper position. The support will then be at the same level as the log bed. The support is only used when a sawn surface is facing downwards. The self-adjusting support is normally kept folded down, and is then out of operation.

Safety Instructions

Ensure that the equipment is in good condition and that all bolts are firmly tightened.

The cross support may not be used when sawing logs that are exceeding 100 kg (220 lbs). Never place more than 50 kg (110 lbs) on each support.

Clean the equipment after each work session. Always keep the area surrounding the work place clean.



For your own safety, do not begin working with the equipment before having read and understood the entire manual. Do not let anyone who has not read the instructions use the equipment.

Also read the instruction books for the Logosol Sawmill and for the cutting unit you use.



Use protective gloves when using the cross support.

Tools needed

These tools are not supplied with the kit.

Tools for 10 mm hexagonal bolts, e.g. ring spanners	2
Allen key 2.5 mm	1
Hand drill with 6 mm bit	1
Straight edge, 3 m (or a straight board)	1
Oil or grease	

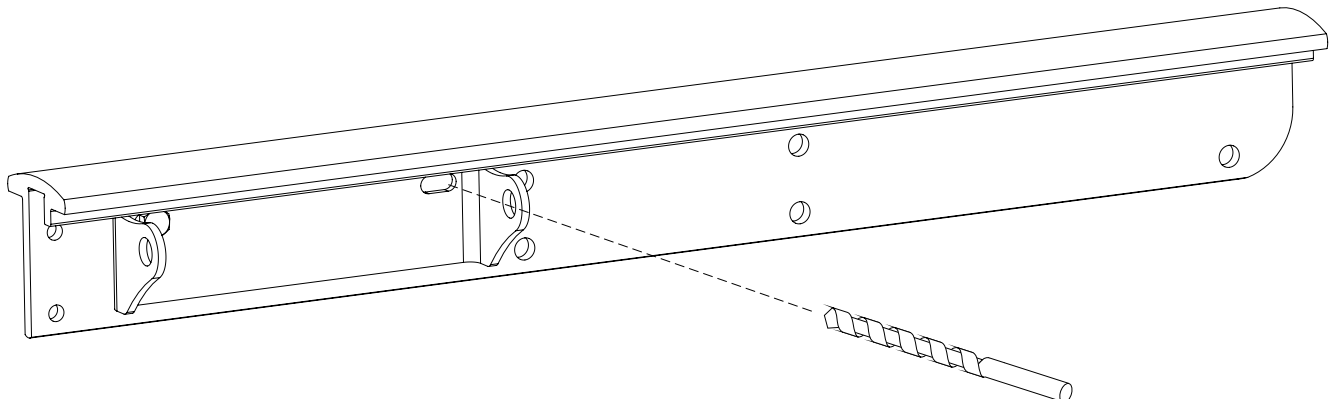
Tip!

There are many ways to mount the supports. If, for example, there is a problem with the workpiece hanging down in the middle and outside the log beds, it can be better to fit both supports to the left. If there are only short pieces to be cut, both the supports can be faced towards the middle.

Assembly

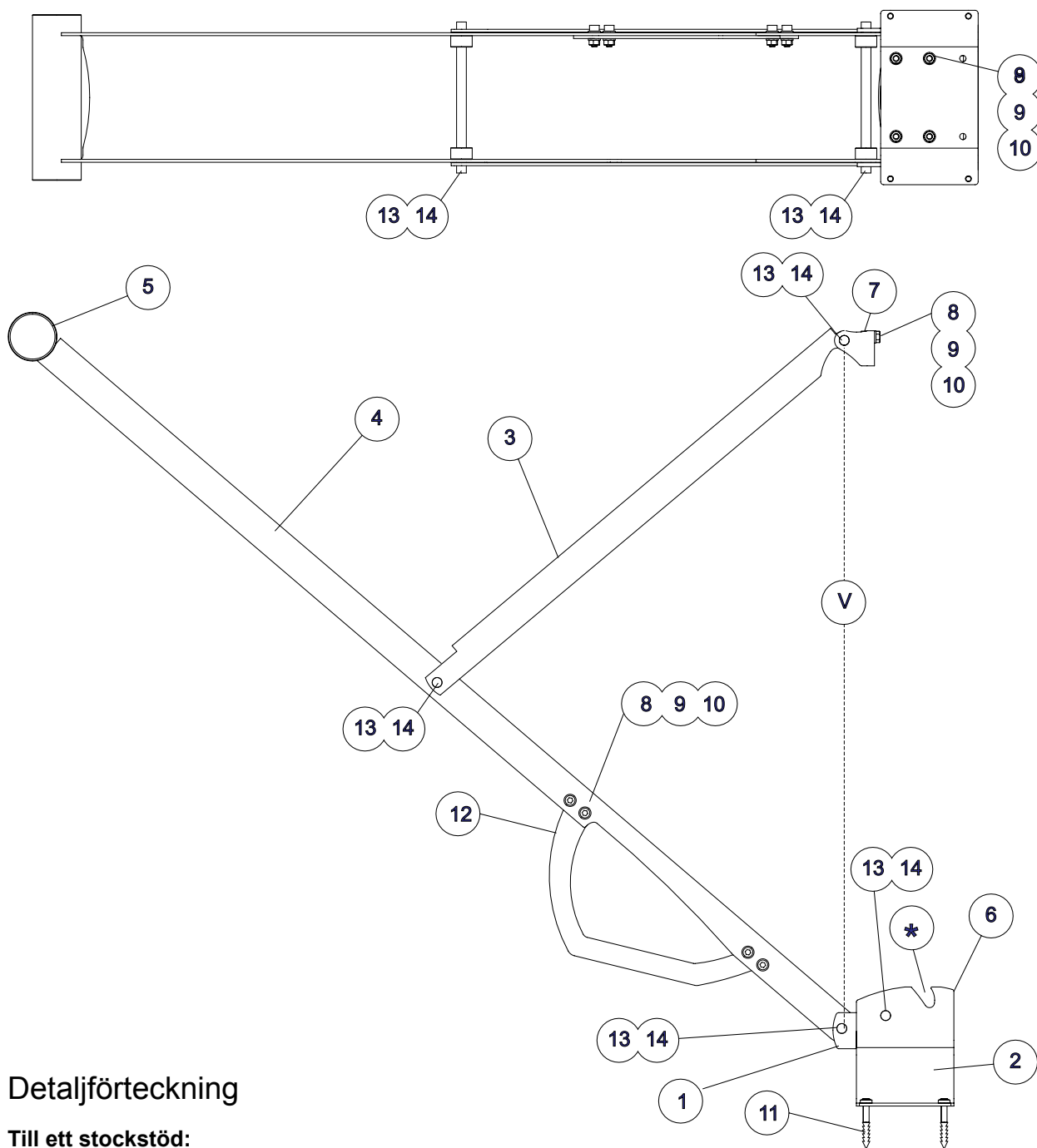
The supports are assembled the same way on the left and the right side. They can be mounted on each side of the log bed, but never two on the same side. Lubricate all movable parts using oil or grease prior to assembly. The sawmill should be set up and screwed to a firm and level surface, such as a firm floor, or stand on sturdy planks, as shown on the front page of this manual.

- Fit the upper holder (7) to the side of the sawmill log bed. The inner hole is pre-drilled. Fit the holder in this hole and tighten the nuts on the screws (8,9,10). Check that the holder sits straight. Using the second hole in the holder as a guide, drill a 6 mm hole through the aluminium of the log bed (see fig. below). Then fit the other screw, washer and nut in the drilled hole.
- Fit the floor bracket (2) to the lower holder (6). Place the screws, washers and nuts (four 8,9,10) centred in the slots.
- Fit the hinge bracket (1) to the lower holder using one cotter pin and two locking rings (13, 14).
- Fit the floor bracket (2) to the ground with strong bolts so that the cotter pin hole in the upper holder comes in an approximately vertical line (V) with the cotter pin hole in the hinge bracket. Also make sure that both the holders (7, 6) are vertically in line with each other and that the lower holder is not angled in relation to the upper holder.
- Fit the support beam (4) and the joining strut (3) using cotter pins and locking rings according to the picture.
- Fit the foot loop to the support beam at the side closest to the operator.



Drill instructions: Drill a 6 mm hole through the log bed. Normally, the log bed does not have to be detached from the sawmill.

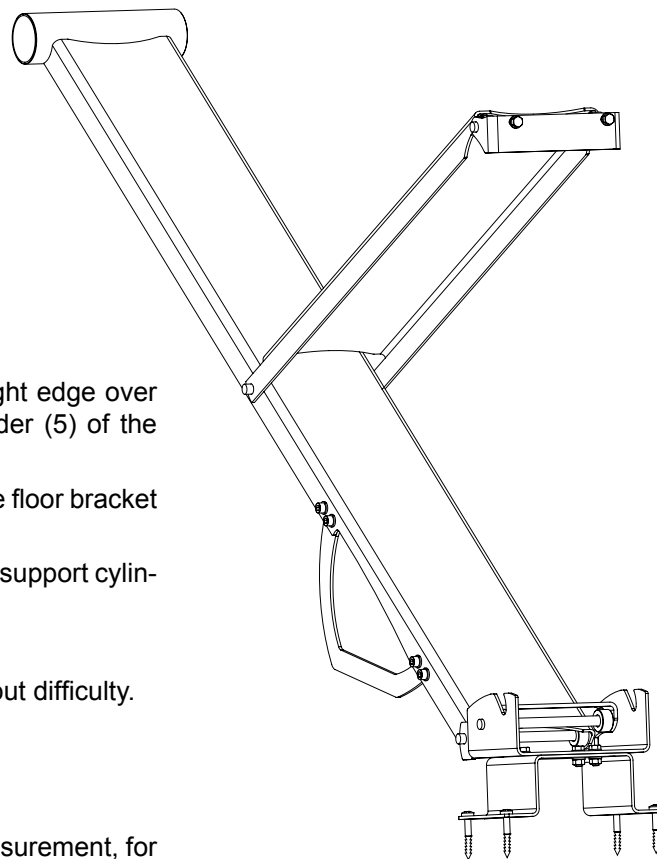
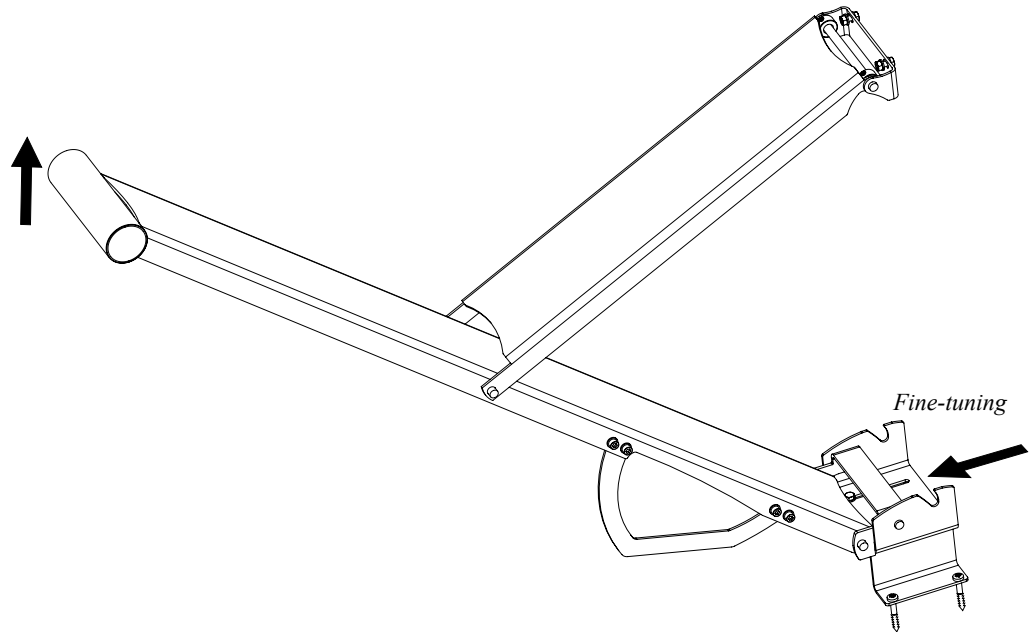
Overall view: Cross support



Detaljförteckning

Till ett stockstöd:

No.	Description	Quantity	Ref. no.
1.	Hinge bracket	1	4500-070-0040
2.	Floor bracket	1	4500-070-0035
3.	Joining strut	1	4500-070-0030
4.	Support beam	1	4500-070-0025
5.	Support cylinder (included in)		4500-070-0025
6.	Lower holder	1	4500-070-0020
7.	Upper holder	1	4500-070-0015
8.	Washer M6	20	9291-021-0140
9.	Locking nut M6	10	9214-320-0900
10.	Screw M6x16	10	9007-319-1290
11.	Wood screw	4	9194-068-1467
12.	Foot loop	1	4500-070-0010
13.	Cotter pin D10	4	4500-070-0005
14.	Locking ring	8	4510-723-4700
	Instructions	1	Manual X550 M7



Fine-tuning

- Set both the log beds to 3".
- Place an approx. 3 m (10 ft) long straight edge over both the log beds and the support cylinder (5) of the cross support.
- Loosen the screws and nuts that hold the floor bracket (2) and the lower holder (6) together.
- Adjust the lower holder laterally until the support cylinder (5) touches the straight edge.
- Tighten the nuts and screws.
- Make sure that all joints can move without difficulty.

How to use X550

Cut the log on two sides to a chosen measurement, for instance 6". Place the log on edge with the bark surfaces facing upwards and downwards. Adjust the log straight, cut the third slab and continue to slice up the log. When you have passed the heartwood and there is risk that the log begins to sag, you rotate the log so that you get a sawn surface facing downwards. Now you activate the cross supports by sticking your foot in the foot loop and fold over the support so that it comes in its lower position (which makes the support cylinder come in its upper position).

The X550 only works when both the log beds are set to the same height.

Declaration of Conformity

Product: Cross Support **Ref. no: 4500-070-2000**

Manufacturer: Logosol AB Industrigatan 13, S-871 53 Härnösand Tel +46 (0)611-182 85

The equipment may only be mounted on the M7 Sawmill, which is manufactured in accordance with EC's Machinery Directive 98/37/EC.

Härnösand 2008-01-01

Mattias Byström
Mattias Byström