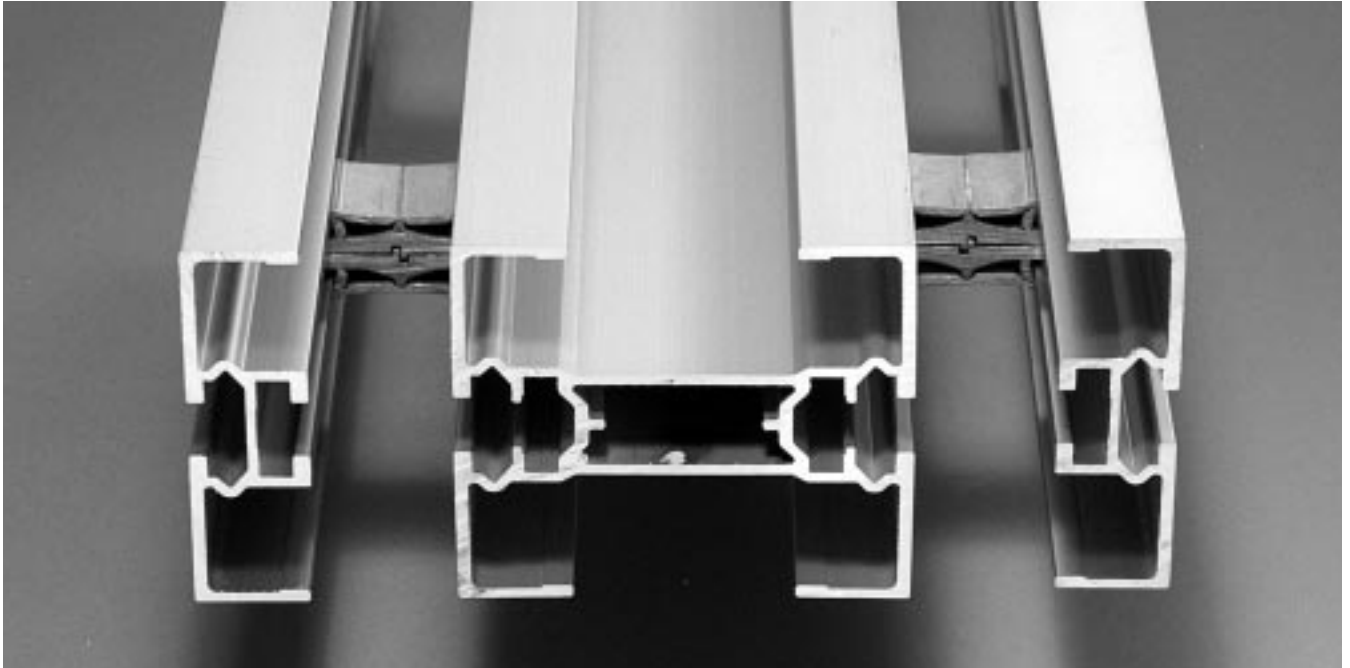




## XB conveyor beam

### Assembly instructions



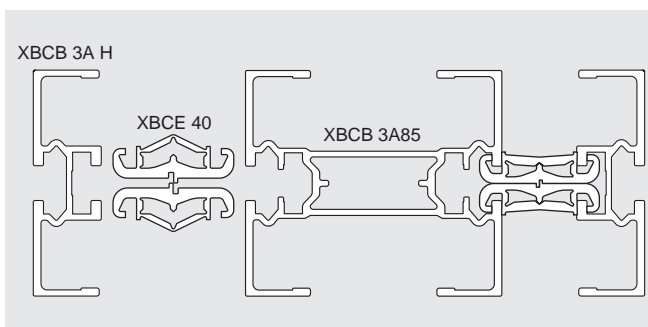
The following tools are required:

- Mounting tool for aluminium clip – 3923518
- Allen key – 4 mm
- Measuring tape
- Set-square
- Idler end unit – XBEJ A175

The following components are required:

- Beam (mid-section) – XBCB 3A85
- Beam (outer section) – XBCB 3A H
- Aluminium clips – XBCE 40

(for correct number, see table below)



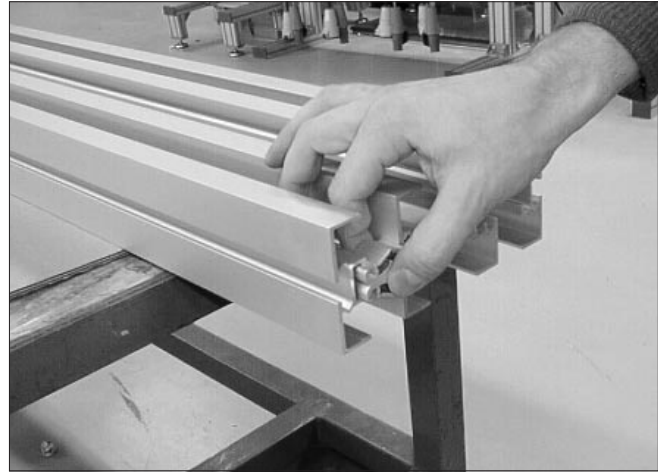
Beam length (mm)	Number of pieces		
	XBCB 3A85	XBCB 3A H	XCBE 40 (pairs)
500–1000	1	1	4
1001–1500	1	1	6
1501–2000	1	2	8
2001–2500	1	2	10
2501–3000	1	2	12

## Assembly

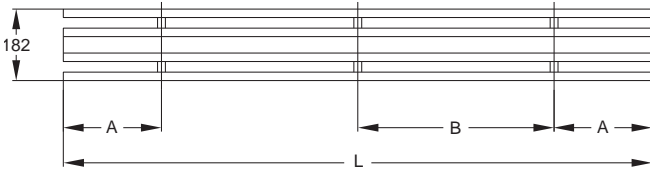
- 1 Cut the three beams to the correct length. Note! The beams are delivered in lengths of  $3020 \pm 3$  mm. The length of the assembled XB beam must not be shorter than 500 mm or exceed 3000 mm.

The lengths of the beams should not differ more than  $\pm 0,5$  mm, so they should all be cut at the same time! (The beams can also be cut after assembly.)

- 2 Use an idler end unit as a mounting fixture, to ensure that the beams are correctly positioned horizontally and vertically.
- 3 Mount the three beams on to the idler unit. Loosely tighten one set screw per connecting strip.



- 4 Insert the correct number of clips from the opposite beam end. Position them at regular intervals along the beam profile. (See below)



A) If  $L = 500-800$ , the distance A should be  $150 \pm 10$  mm, if  $L = 801-3000$ , the distance A should be 250 mm.

- 5 Use the aluminium clip tool to press the two clips closest to the idler unit together.
- 6 Loosen the connecting strip set screws and move the idler unit to the other end of the beam. The set screws do not need to be tightened.
- 7 Press the remaining clips together.
- 8 Remove the idler unit.
- 9 Use a set-square to check that the beam ends are perpendicular to the beam side.
- 10 Cut the beam to the correct length, if this was not done prior to assembly.

### Note!

To simplify the assembly of XB beams, two idler end units can be used instead of one. The second idler unit is then placed at the second beam end once all clips have been inserted into the beam. If two idler units are used, step 6 can be ignored.