

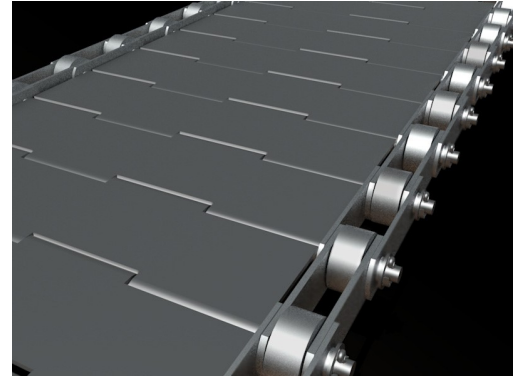
Plate Link Conveyor Belt

Joining and Installation Guidelines

Preparation

Before installing a new belt, always check the conveyor structure;

- Shafts to be at 90° to direction of travel, and horizontal.
- Rollers to be free to rotate
- Sprockets to be correctly positioned, and aligned.
- Belt supporting surfaces are smooth and level.
Check that there are no parts of the structure that can catch the belt.



Installation

- The belting should be pulled through the conveyor circuit until the two ends meet
- Excess chain and slats should be removed whilst maintaining the correct joining pattern of the slats and roller chain – remember to account for the extra slat and connecting links
- Connect leading edge of belt to trailing edge, using the supplied connecting links on the inside patch of the chain.
- Fit outer plate to roller chain and secure in place
- Lay extra slat into space created by connecting links and feed cross rods through roller chain and both slat apertures.
- Where the rods project through the chain, they need to be finished with a washer welded in position, or the rod end can be riveted over.
 - ⇒ Alternative finishes can include threading the rod and fixing with a nut, or by using a washer and cotter pin. Before using these, or similar options, it is essential that the whole conveyor circuit be checked for clearance.