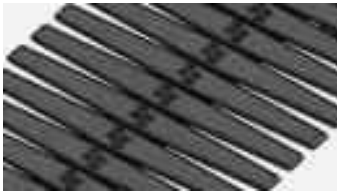


INSTALLATION OF SLAT BELT CHAIN

Components

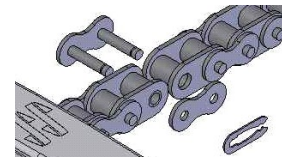
The below mentioned components are required to install the Ambaveyor slat belt. The slat belt is supplied in cartons with standard lengths of 5 and 1 meter. The slats are pre-assembled on the chain.



Pre-assembled slat belt



Extra slat with coloured dot (supplied with the pre-assembled slat belt)



Chain master link and secure clip

Tools

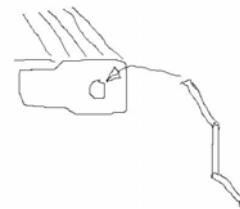
The following tools we recommend to have on site to install the slat belt chain in an easy manner. Other ways of installing are possible and left to the skills and experience of the installation manager at site.



Chain punch tool



Chain tensioning tool



Turning crank

Install the slat belt

- Pick up the cartons with the slat belt chain and place them in the direct vicinity of the assembled AmbaVeyor track. The carton with the slat belt chain must be placed at the drive or idler end of the assembled AmbaVeyor track. TPO: check weather the slat belt is positioned in the right way to match the main transporting direction.
- Remove the first slat from the chain in order to connect the chain ends easy after installation. The slat belt is inserted into the middle drive shaft at the return path first. Push the slat chain gently into position. If the length of one slat belt is enough to cover the complete track, than check that the chain is installed tight at the chain wheel at the opposite side of the track. If the slat belt cannot be closed yet go to step 3, otherwise forward to step 4.
- Place the next carton with slat belt in front of the track, remove the last slat of the installed and the first slat of the next chain and connect to the installed chain using the supplied chain master link. In order to correctly link the two chains, the extra chain master link must be inserted next to the already installed chain master link at the end of the installed chain. Do not forget to secure the chain master links with the supplied clip. Repeat the installation of the slat belts in the same way until the chain can be closed.
- The slat belt chain of the AmbaVeyor is a closed loop and is installed in lengths of 5 and 1 meter. The last length of chain must be adjusted to the correct length in order to close the loop without slack. Therefore the chain breaker tool is put at the expected link and the chain is separated. The breakpoint must be a link that can be connected with the extra chain master link.
- In order to close the chain it might be necessary to use the chain tensioning tool. Place the both arms of the tool at the end of the chains and turn the lever until the chain master link can be fitted into place. Install the chain master link, and the clip to secure the chain master link.
- Turn the slat belt manually with the lever at the idler and replace the slats that have been removed and the slats with the coloured dot at the top of each chain master link. Slats can only be inserted and removed at the drive and idler sections of the track. Slats are being installed by using a soft rubber hammer or with hand.

