

Maintenance Bulletin – Belt tensioning

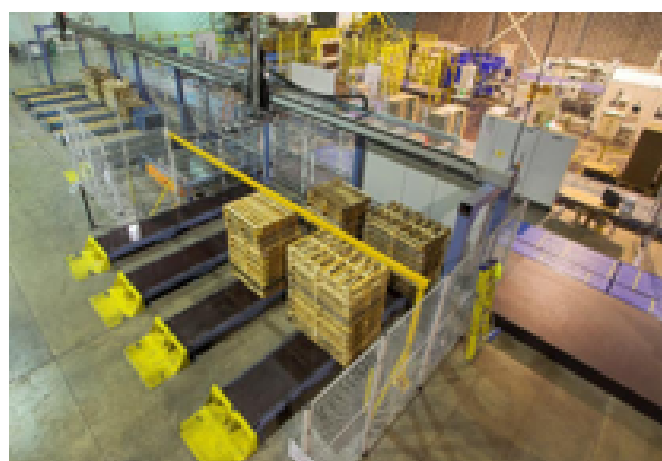
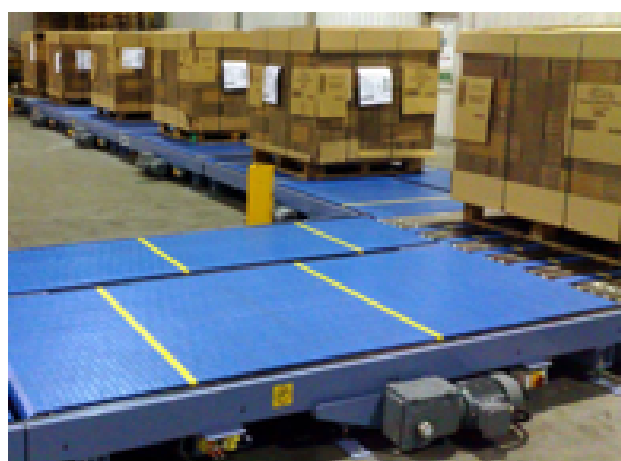
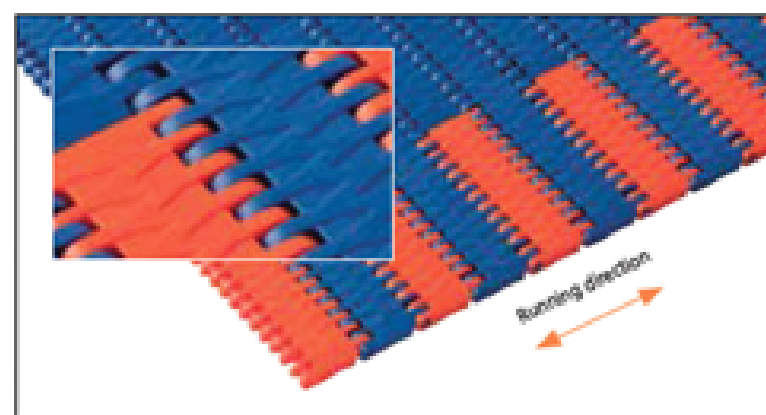
Monitoring the tension and elongation for the belts used on Avanti automated materials handling equipment is a vital part of maintenance procedures.

Why? Because when this elongation reaches a certain point there is a possibility of the belt jumping on the sprockets which in turn can mean that the belt may have to be replaced.

The plastic belt used as the carrier belt in many Avanti conveyors is made up of tiles and fixing rods - this means that it is actually a 'chain' but usually referred to as a 'belt'.

The tiles used in the belt are precision moulded and dimensionally accurate. However in the early life of a belt there is a 'bedding-in' effect between the hinge links and the hinge rods. This can cause the elongation to be greater in the belts early life.

Wear elongation can be corrected by removing links across the belt to shorten its overall length.



Call our maintenance experts for more information or support on 01663 740011 or [click here](#) to send an e-mail.