



# Mobility Engineering (Cheshire) Ltd

Materials Handling – Conveyor Systems Design & Manufacture

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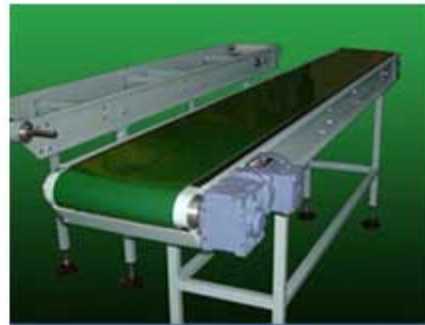
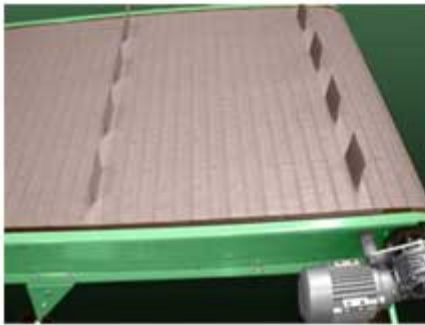
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### BELT CONVEYORS

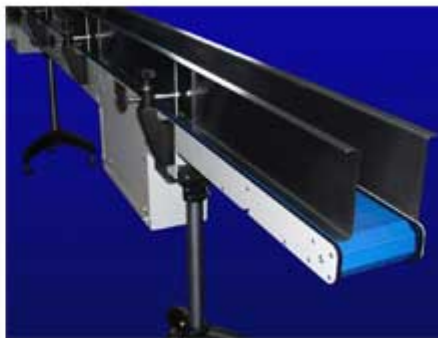
**Standard Belt Conveyors** are generally used on assembly / packing lines, or in clean areas such as the food and pharmaceutical industries. Belt conveyors will utilise either **PVC/PU (smooth or gripped)** or **Modular (plastic)** depending on the application.

The belt is the essential ingredient for all belt conveyors and they come in various shapes and forms.



Typically, belt conveyors carry individual products to and from **packing/packaging stations**, or can form full production lines. Belt conveyors run from 3m.min up to approximately 50m/min (although these speeds are only a guide) and inverters can be utilised to create a **variable speed**.

Depending on the design and application, loads of up to 200kg can be accommodated.



The drive will be either an **externally mounted shaft driven motor** or a **motorised drive drum**, where the motor is self contained within the leading roller. For single direction the construction will be **end drive tail tension**, and for reversible systems the construction will be **centre drive end tension**.