



Mobility Engineering (Cheshire) Ltd

Materials Handling – Conveyor Systems Design & Manufacture

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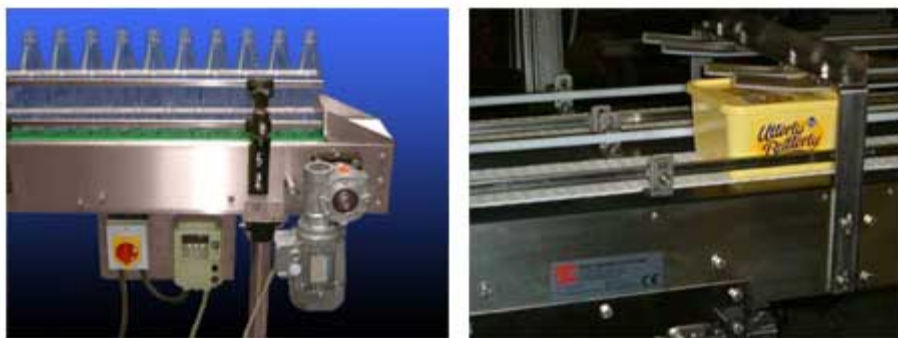
SLAT CONVEYORS

Slat conveyors are predominantly used, and are ideal in such industries as **food and pharmaceuticals**, where rapid speed and accuracy is of the utmost importance, plus they also have the ability to be **washed down** for hygiene purposes.



Their construction is either an **acetal** or **stainless steel slat**, **side flexing for bend sections**. The most widely used in the food industry is acetal (usually a cheaper option than stainless).

The advantage of using slats, is that they can open up slightly around a bend, therefore a **very tight radius can be achieved** - usually 2.5 times the width (**as a rule of thumb**). As mentioned above, the slats are usually manufactured from **acetal** (a hard, heat resistant plastic) or **stainless steel**, and range from a width of approximately **80mm to 300mm**.



Because of their width, they will usually be mounted on **tripod support stands** with floor levelling adjustability, and can come complete with **adjustable side guides** (if required).

Because of the low friction, **Slat Conveyors** can be ideal for the **accumulation of products** awaiting to enter machines such as labellers and packaging machines.