



As with all Sovex products; roller conveyor systems can be fixed or mobile. They can be lineshaft powered, belt driven or by 24 VDC powered rollers. All three types are designed to integrate seamlessly, with side profile and guiding matching up perfectly to safeguard against product hangups. Sovex's in-house controls department offers full turnkey solutions.

- ✓ The mobile roller conveyor is quick and easy to install
- ✓ Increases productivity
- ✓ Modular system for maximum flexibility



Lineshaft powered roller conveyors employ drive bands to transfer power from a common drive shaft.



Live roller conveyors use a narrow belt underneath to drive the rollers.



24 VDC roller drives are fully enclosed powered rollers: one drive roller can drive up to 3m of conveyor when slaving adjacent rollers.







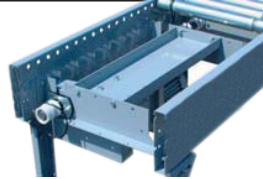




material handling **specialists**

**T: +44 (0)151 608 2323**

**E: [sales@sovexsystems.com](mailto:sales@sovexsystems.com)**

## ROLLER CONVEYOR OPTIONS

|                                  |   |   |
|----------------------------------|---|---|
| <b>Transport Straight</b>        | Standard straight sections come in 3m lengths and widths of 600, 800, 900 and 1000mm; they can be customised to suit each application. Drive packs can be fitted into any section and all sections carry the same side profile.   |    |
| <b>Personnel Gate</b>            | Where regular access through a conveyor is required, either for convenience or Health & Safety; the lift-up personnel gate is ideal. Automatically stopping the system when the gate is raised safeguards against damage to products.   |    |
| <b>Side Guides</b>               | All Sovex conveyor products are designed to utilise the same side guiding system, resulting in seamless integration and smooth, reliable product flow. Standard heights are 150mm or 300mm; customisable to individual requirements.  |    |
| <b>Photoelectric cells (PEC)</b> | The housing of PECs presents a challenge to balance protection of it against making sure it is unobtrusive and doesn't interfere with product flow. The custom designed Sovex housing fulfills all of these requirements, ensuring smooth product flow.   |   |
| <b>Transport Curve</b>           | The Sovex curve is driven by 24 VDC powered rollers and traditional lineshaft drive eliminating any requirement for universal joints and increasing reliability. Rollers are close pitched to ensure that even small items can travel around the curve without falling through gaps between the rollers. The taper and close pitch also ensures product tracks reliably around the curve and maintains its orientation. |  |
| <b>Merge/Spur</b>                | Joining or splitting separate lines of product can sometimes cause hotspots of product hangups. The Sovex merge and spur units are designed with this in mind and ensure reliable merging or separating, every time.  |  |
| <b>Underguarding</b>             | All powered roller conveyor drive packs are fully guarded, complying with all relevant Health & Safety regulations. Transport sections are all available with optional mesh underguarding to prevent buildup of debris within the conveyor.   |  |
| <b>Mobile System</b>             | All Sovex Roller Conveyor sections are also available as mobile, clamp-together sections. Mobile systems offer huge increases in flexibility and functionality and the 4th generation Sovex Mobile System is among the market leaders.  |  |
| <b>Divert</b>                    | Diverts enable boxes to be redirected to different zones in the distribution centre. Diverts can be installed between belt and roller conveyors. Sovex Diverts can handle an assortment of boxes, plastic bags, totes and items with uneven surfaces.   |  |

**Keeping your business moving**