

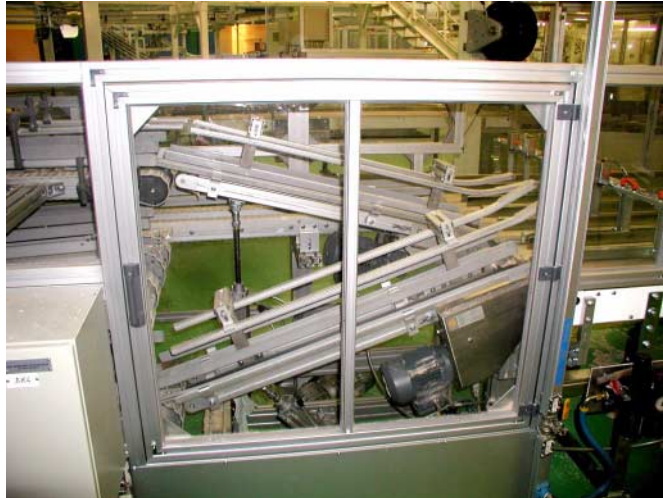
Vertical diverter



A FlexLink standard solution

5076-1

Multiple lane diverting



The vertical diverter is used to split the product flow on a single or multiple lane set of conveyors into conveyor sets at different levels. It is also possible to have several sets of infeed conveyors at different levels.

The most common application is where two-, three- or four lane saws are used to supply several multiple lane wrappers. With the vertical diverter, full flexibility between saws and wrappers can be achieved, i.e. any saw can supply any wrapper. The compact and light design of the machine makes it possible to place it freely, either on the floor or above head.

The vertical diverter is available in different degrees of automation, depending on the need for frequent switching. In the most advanced version, switching can be done "on-the fly" without stopping the product flow, while in the simplest switching is done manually. Diverter models also differ in the number of lanes and the number of infeed and discharge levels. Page 2 shows examples of different vertical diverters supplied by FlexLink.

Standard features

- **Full flexibility between infeed and discharge conveyor lane sets**
- **Several available versions:** The diverter is available in different degrees of automation and with different number of lanes and number of infeed and discharge levels.
- **Compact and light design:** Enables free placement on the floor or above head.
- **Easy to operate, low maintenance and service-friendly:** Standardised, modular design. Easily accessible for inspection and service.
- UL or CE certified

Vertical diverter

Technical specifications

- Number of lanes: 1–4
- Number of infeed levels: 1–3
- Number of discharge levels: 1–3
- Dimensions: Varies between models

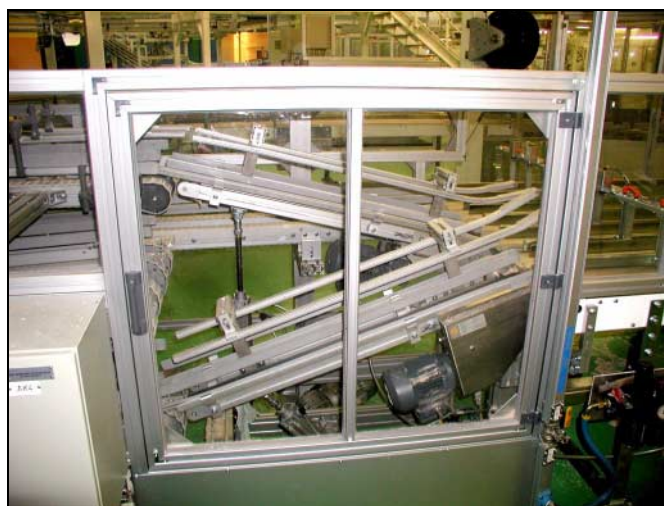
Installation requirements

- Power supply: 3-phase 380/460 VAC, 50/60 Hz
- Pressurised air system, min. 90 psi (6 bar) (not used in all models)
- Control interface with environment

Vertical diverter application examples



Pneumatically driven vertical diverter with four lanes, one in-feed level and two discharge levels.



Pneumatically driven vertical diverter. The diverter consists of two separate units, each with two lanes, switching from one in-feed level to two discharge levels.



Three-lane diverter driven by electrical motor and crank, with two in-feed levels and three discharge levels.

FlexLink is a leading supplier of automation solutions for manufacturing and assembly processes. The Paper Converting Centre of Excellence is a unit within FlexLink with specialists on product handling equipment for the tissue paper industry. We deliver systems for cost-efficient flow management at all stages of the converting operation, from the core to the finished product. Our extensive offer ranges from component deliveries to turn-key installations and pre-assembled modular units for the most common requirements.