

Production flow applications



FIRST CHOICE FOR EASIER AUTOMATION



FlexLink®



Flexible and reliable solutions for increased profitability

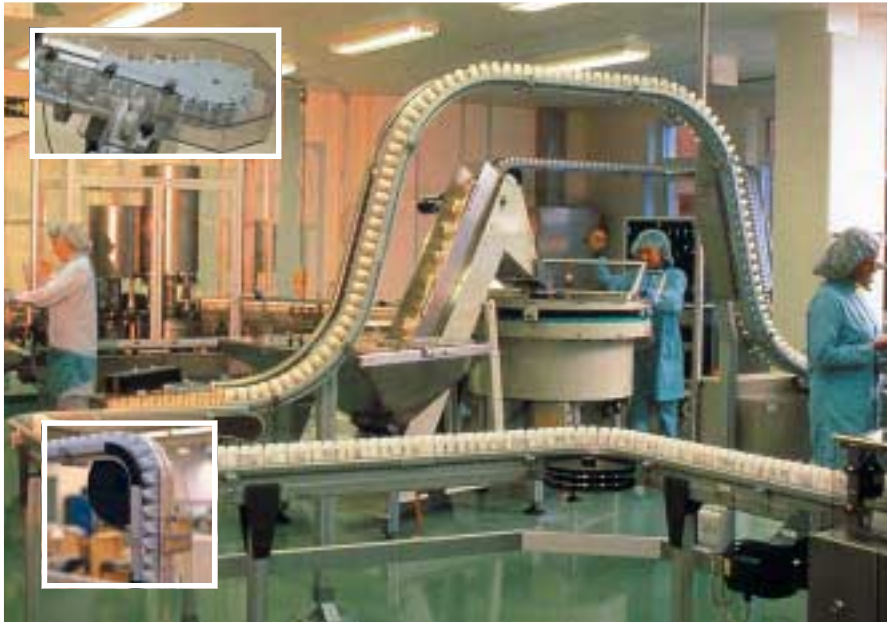
FlexLink offers engineering support, standard modules, turnkey installations as well as training according to each customer's needs. We strive to find easy high quality solutions by working with our customers on a worldwide basis.

Allow us to guide you through a selection of solutions offering increased capacity utilization of your equipment as well efficient conveyor layout suggestions, such as high capacity in-line elevation and vertical buffering.



Incline and decline conveyors

FlexLink offers a wide range of opportunities to accommodate height differences without any additional transfer points or auxiliary equipment. The normal chain allows for maximum 5° incline and friction top chains are used between 5 and 30°. For vertical inclines and declines a wide range of special cleats and front pieces are available. The unique roller cleat allows for automatic in-feed, separation and in-line elevation of cases without any controls.



Wedge conveyors

A wedge uses two conveyors facing each other to provide fast and gentle vertical and/or horizontal transport. Its proven function provides a continuous high capacity operation, never requires the product to be stopped and ensures product separation.

It creates operator access as well as buffers at ceiling level without any additional transfers and controls. Hand-operated changeovers with proven function allow short ramp-up time.

You can also incorporate other devices such as ink-jet printing or leakage testing by accessing the base of the product. Used horizontally, the wedge enables fast and easy de-pucking of products with connecting conveyors for easy transfers and simple puck return within a small footprint.



Significantly increased production profitability

FlexLink's wide experience of production flow installations enables effective utilization of valuable floor space. It provides great layout freedom and allows routing close to filling-, labeling and packaging machines, assembly areas and end-of-line palletizers.

We know that conveyors are a strategic part of your production. If insufficient consideration is given to the conveyor selection and layout, productivity may suffer.

When production requirements change, your system can easily be reconfigured. Modifications or last-minute changes can be completed on-site.

Experience has shown that our systems require virtually no maintenance. This leads to significantly increased production profitability.



Horizontal and vertical in-line FIFO buffering

If level change as well as accumulation is required, the alpine conveyor will be the natural solution when connecting production units operating at varying production rates. The in-line buffering and elevation/loweration is achieved without the need of additional drive units and controls, through a compact spiral conveyor configuration.

In addition to line balancing through buffering, alpine conveyors are a very compact way of obtaining process time for example cooling and drying. This has often resulted in increased product quality, system uptime and line output.

Horizontal, high capacity buffering without line pressure is also easy to achieve, in accordance with specific production requirements and when enough floor space is available. This is particularly common when merging production lines with a flexible end-of-line packaging system.





Global application experience and network

FlexLink has sales units in most of the world's major markets. Our global expertise ensures state of the art production concepts, our local sales units provide engineering support, turn-key systems, training and service.

Within the paper converting and tobacco industries, we offer a wide range of solutions for integrated production systems. This includes layouts, control software as well as standard functions such as wedge elevators, diverters, combiners, pack collators, down drops, spirals, reservoirs, line balancers, rotating units and end-of-line palletizers.



Innovative standard solutions

Our R&D resources combined with global application experience ensure the reliability of each individual component, which often can be the difference between profitability and failure.

Over the years, the low conveyor beam height and small radius bends have enabled easy machine integration without the need of additional in-feed, out-feed, transfers or internal conveyors. The latest conveyor concept allows a solution to be installed in five working days after your order, with a minimum of engineering or assembly time.

The new high-speed PET bottle base-handling concept provides lower initial investment, power consumption and maintenance together with simplified installations and changeovers.

A larger part of our range is now available in stainless steel, allowing customers to fully utilize our advantages in filling and packaging lines.

