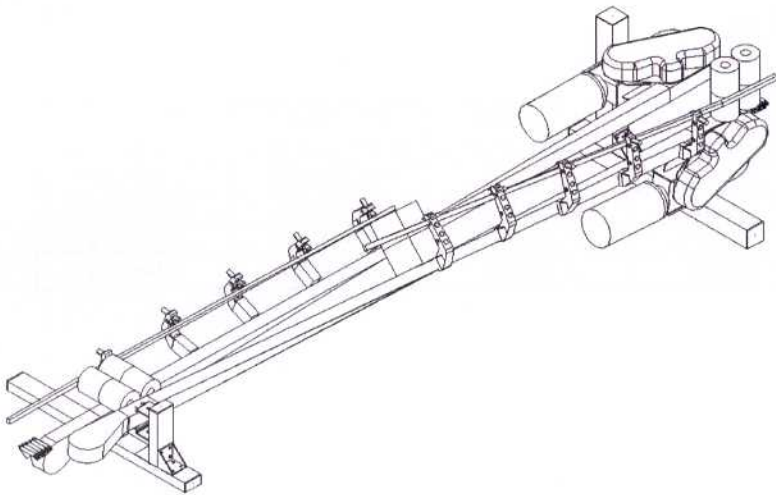


Standard solutions



FlexLink standard solutions for the paper converting industry

Twist Conveyor - allows upending of product with dynamic production flow



FlexLink's twisted conveyor is one way to have complete control of products that need to be up ended. The concept utilizes 2 conveyors, one located under the product and the other on the side of the product, that over a given length twist around the center of the product. The conveyor on the side of the product becomes the takeaway conveyor under the product. The feed conveyor twists and ends up side supporting the product. Most twists use a friction top chain on one of the conveyors to control alignment throughout the twisting section.

- **Dynamic manipulation of product:** Due to the fact that two conveyors drive the product through the twisting section there is never a slowing or stopping of the products. This unit also is not dependent on product gaps.
- **No backpressure required:** The driving of the conveyors pulls the product through the twisted section.
- **Complete control of product:** Gravity is not controlling the flow of product. No jamming of product can happen due to the configuration and control of reorientation.
- **Easy placement:** This is a stand-alone unit. It can be placed in any line with the room required to make the appropriate twist.
- **Low maintenance:** The twist section is comprised of two simple short conveyors. Only the occasional slide rail exchange would be necessary.
- **Incline and decline versions available**
- **Minimal floor space requirements**
- **Easily integrated into control system**
- **Any conveyor series possible**

Material / Component Specifications:

Standard FlexLink components
 (1) Direct Drive Unit
 (1) Underslung Drive
 Adjustable, flexible guide rail
 Flat and Friction Top Chain

Technical Specifications:

Speeds: Max 200 FPM
 Length: See chart above

Installation Requirements:

Power Req: 3-Phase, 380/460 VAC, 50/60 Hz

Recommendation:

Speed control through inverter

Options:

Incline / decline
 XL, XM, XH, XK, XB175, XB300

Rotation Degree	XL Series 2½" wide chain	XM Series 3¼" wide chain	XH Series 4" wide chain	XK Series 4" wide chain	XB Series 7" wide chain
30°	1 ½ Meters	1 ½ Meters	1 ½ Meters	1 ½ Meters	2 Meters
45°	2 Meters	2 meters	2 meters	2 meters	3 Meters
60°	2 ½ Meters	2 ½ Meters	2 ½ Meters	3 Meters	4 Meters
90°	3 Meters	3 meters	3 meters	4 Meters	5 Meters

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.