



Interroll presents a new infeed for crossbelt sorters

Sant'Antonino, Switzerland, November 19, 2018. With the addition of a new infeed, Interroll is expanding its modular platform solutions for particularly efficient material flow. It is perfectly designed to work with Interroll crossbelt sorters. The new infeed modules combine higher infeed speeds with reduced space requirements to offer a substantial potential increase in goods flow in automatic sorting systems.

Even though the new infeed modules are much more efficient than previous solutions, their design is much more compact. What's more, they are far quieter when in use and are also suitable for transporting smaller goods. Inspired by the design of Interroll's successful Modular Conveyor Platform (MCP), these new infeed conveyors offer all the benefits of a modular conveyor platform in terms of their flexibility and efficiency. For instance, the compact infeed conveyors are driven by high-performance, compact synchronous belt drives, so there is no need to use gear motors attached to the sides. This allows more infeed conveyors to be installed without taking up any more space. The use of elastic belts means that the individual conveyor belts can, if necessary, be switched off briefly in the conveyor lines. As a result, a 1:2 ratio of length to width can be achieved, allowing for higher transport speeds and incredibly small gaps between the individual conveyed goods, allowing users to easily transport small goods.

Precisely adjustable transport speed for optimum infeed rates

The new infeed conveyors consist of multiple conveyor belts that are driven independently of one another. This makes it possible to precisely adjust the transport speeds to meet the requirements of each sorter, allowing users to achieve optimum infeed rates for the conveyed goods. For instance, if multiple packages are fed into the goods flow, the individual speeds can be increased or reduced to ensure that the packages are seamlessly placed into empty containers on the main conveyor belt.

As well as significant increases in functionality, the new solution also offers advantages in terms of installation and maintenance. The preassembled conveyor belts, which are also equipped with finger protection elements, can be installed easily and ergonomically from above. The use of elastic conveyor belts means that there is no need to regularly retighten the belts.

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Caption: High infeed speed, compact and modular: the new Interroll infeed modules

About Interroll

The Interroll Group is the leading global provider of material handling solutions. The company was founded in 1959 and has been listed on the SIX Swiss Exchange since 1997. Interroll provides system integrators and OEMs with a wide range of platform-based products and services in these categories: Rollers (conveyor rollers), Drives (motors and drives for conveyor systems), Conveyors & Sorters as well as Pallet & Carton Flow (flow storage systems). Interroll solutions are in operation in express and postal services, e-commerce, airports, the food and beverage industry, fashion, and automotive sectors, and many other manufacturing industries. Among the company's end users are leading brands such as Amazon, Bosch, Coca-Cola, DHL, Nestlé, Procter & Gamble, Siemens, Walmart and Zalando. Headquartered in Switzerland, Interroll has a global network of 32 companies with turnover of around CHF 450,7 million and 2.100 employees (2017).