



FOOD AND DAIRY SOLUTIONS



a coesia company



PROTECT YOUR BRAND

The importance of a clean, hygienic production environment increases considerably when handling unpacked food in wet and even dry environments. Failure to meet these requirements can result in extreme measures such as; a product recall or even worse - consumer illness, which would have a major impact on both brand image and bottom line. Food processors rely on strict hygienic standards in their processes to prevent the growth of harmful bacteria. The consumer demands for natural products and longer shelf life increases the potential for microbial contamination, if the high hygienic standards are not maintained.

Hygienic design

A simplified hygienic conveyor design, increases ease-of-cleaning as well as reduces downtime and overall costs, with a positive impact on the bottom line. Crevice- and cavity free design eliminates most of the areas that are difficult to clean. With small contact surfaces between component parts, no open threads, sharp corners or flat horizontal surfaces; a repeatable and consistent cleaning result is ensured. Our modular wide belt conveyor platform, WLX, adheres to EHEDG and 3-A design guidelines.

SECURE YOUR BOTTOM LINE

Every day is a fight to lower the production costs and increase production efficiency. FlexLink is the right partner, with knowledge and solutions, when you want to reduce Total Cost of Ownership (TCO) and increase Overall Equipment Effectiveness (OEE).

Reduce TCO

Improve production time

- Quick to clean
- Easy to use
- Robust design

Trouble-free operations

- Long service life
- Low wear
- Standardization

Best practices

- Short ramp-up time
- Global distribution and support

Sustainability

- Low water and detergent consumption
- Low power consumption
- Operator safety

Increase OEE

Balanced production flow

- Customer order driven
- Flexible
- Consistent performance

Compact solutions

- Optimized floor space utilization
- Operator accessibility
- Simplified replenishment of consumables

High availability

- Minimum maintenance
- Easy and fast to clean, with consistent results



PRODUCTION NEEDS

The requirements on production efficiency is a result of increased competition, frequent product introductions and short timelines for product launches.



The driven star wheel permits gentle and safe reorientation of bricks.

A simple, yet efficient reject function.

The production flow can be elevated using different techniques. The solutions are based on standard FlexLink components to maximize service life.



Fundamentals of production line design:

- Maximized equipment utilization
- High flexibility in e.g. capacity and product mix
- High availability
- High capacity
- Gentle product handling
- Optimized floor space utilization
- Minimum maintenance with low frequency
- Fast and efficient cleaning with consistent results
- Safe and low operating costs

FLEXLINK SOLUTIONS

Our experience in combination with a tool-box of solutions and products forms the base when designing to your needs.

- Layout and floor space optimization
- Dynamic line and flow control
- Buffers
- Diverters and mergers
- State-of-the-art conveyor technology
- Hygienic design



APPLICATION AREAS

From packaged meat and dairy to bread and flour, our solutions assure trouble-free operation and long service life. Ready to be installed in any application area – from primary packaging to end-of-line. Suitable packages: pouches, standing pouches, bottles, gable tops, cartons, cases, bags, skins and trays.

OPERATOR FRIENDLY

Ensuring it is easy and safe for the operators to do their job, our solutions are ergonomic and puts operation in focus.

- Easy to clean and inspect
- No pinch points or sharp edges
- No heavy lifts
- Low noise level

CLEANING

Downtime is lost production time. Cleaning must be quick, efficient, and easy to verify the result. FlexLink supplies various cleaning solutions and product features.



- Open design
- 6 to 25 mm separation between components
- Chain washer unit with or without dryer
- Clean-in-place unit (CIP)
- Chain lift function for modular wide belt conveyors

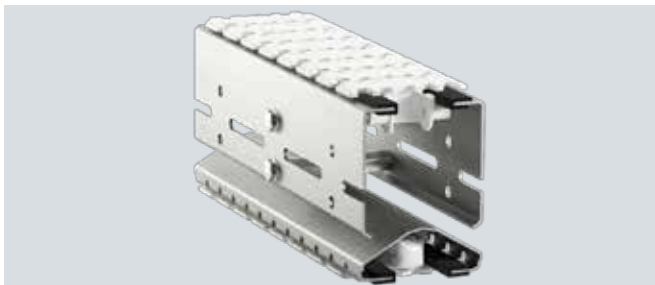
STAINLESS STEEL CONVEYORS

Chain conveyors

The chain conveyor systems are clean, robust and include a complete range of guide rails, supports and handling functions. The design follows a proactive approach to increase cleanliness, minimizing dirt pockets and maximizing rounded surfaces for better drainage. The highly modular conveyor systems permit easy engineering and simplified assembly and installation.

System information

X85X/Y



85 mm beam width
120 m/min
Max. chain tension 1250 N
Max. item width 400mm
Op. temp. -20 C to +60 C
Chain washer unit
CIP unit

X180X/Y - X300X/Y

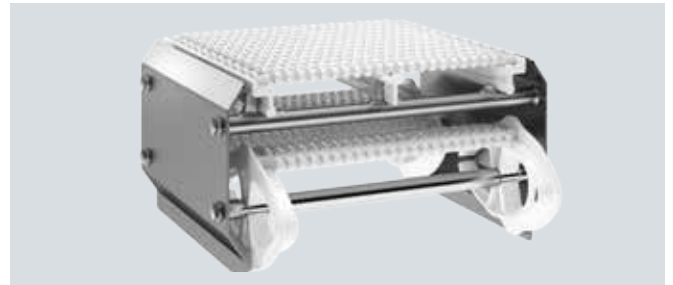


Modular belt conveyor system

The modular wide belt conveyors adhere to EHEDG and 3-A design guidelines to fit into demanding primary and secondary packaging applications. The conveyor addresses important aspects such as quick and easy cleaning, gentle handling of products, operator safety, long service life, and low cost of ownership. FlexLink also offers a 3-A qualified conveyor. For more information please contact your local FlexLink office.

System information

WLX



152/203/374/526/678 mm belt width
40 m/min
Max. belt tension 1200 N
Max. item width 400mm
Op. temp. -46 C to +60 C
Chain lifter unit
3-A qualified conveyor

180/300 mm beam width
60 m/min
Max. chain tension 1250 N
Max. item width 400mm
Op. temp. -20 C to +60 C

COESIA GROUP IN THE WORLD



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Coesia is a group of innovation-based industrial solutions companies operating globally, headquartered in Bologna, Italy.

Coesia's companies are leaders in the sectors of:

- Advanced automated machinery and materials
- Industrial process solutions
- Precision gears

Coesia's customers are leading players in a broad range of industries, including Consumer Goods, Tobacco, Healthcare, Aerospace, Racing & Automotive and Electronics.



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