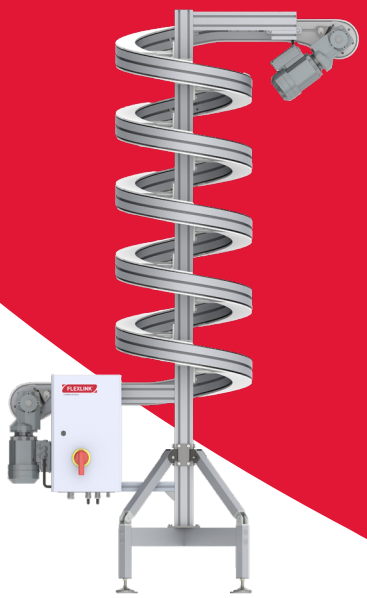
FLEXLINK®
a coesia company

X85 Compact Spiral Conveyor



Features and benefits

The Compact Spiral Elevator gives you increased access to the production floor and the possibility to transport goods vertically bridging the differences of height. The unique spiral-shape is the key to its compact construction, offering a 40% smaller footprint compared to the most common solutions on the market - saving valuable floor space. It has a wide application range; from the handling of individual parcels, to pucks and packed items such as cartons.

The spiral is modular and easy to engineer according to your needs. It is available with a friction top chain, flat friction top chain and cleated chain. The spiral features an ultra-resistant slide rail with low friction. It comes in six different in- and outfeed configurations in order to suit your production line layout. The solution can be installed in a few hours and ensures smooth running, low noise and a long service life.

Benefits

- Space saving design – freeing up valuable floor space
- Continuous product flow avoiding stop losses
- Easy to integrate standard FlexLink components
- Gentle product handling
- Low operating cost
- Long Mean Time Between Failures (MTBF)
- Easy installation
- Quick to add into an existing or new layout using FlexLink Design Tool
- Online configuration and ordering possible
- Global support and short lead-time

Technical specifications

- Outer diameter: 585 mm on spiral frame
- Drive units with motors at both ends
- 85 mm chain with steel ball bearing
- Fixed speed: 10, 20, 30, 40, 50 m/min
- Product weight: max. 2 kg/m depending on height
- Low noise level: < 73 db at 50 m/min
- Control cabin with soft starter and motor protection

Ideal for up or down transportation

- Product sizes up to 200×175×200 mm (L×H×W)
- Packed or non-packed products
- Product carriers, i.e. pucks
- Small boxes and crates

Easy line design and ordering

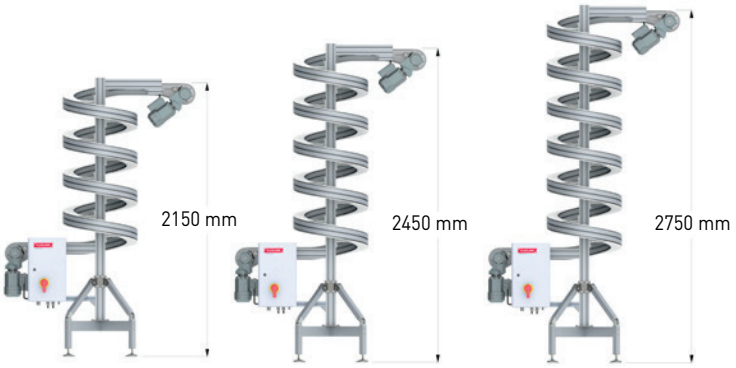
With FlexLink Design Tool you can easily design a single spiral or a complete line with enclosures and safety guarding. The design tool has drag-and-drop functionality and each individual component has its own intelligence which considerably eliminates the risk of design errors. Ordering is fast and with a built-in connection to the FlexLink Online Store. Intuitive assembly drawings can be prepared for a fast and trouble-free installation.

Configurations

Infeed (mm)	Outfeed (mm)	Windings	Configurations
900	2150 / 2450 / 2750	4 / 5 / 6	A, B
900	2225 / 2525 / 2825	4,25 / 5,25 / 6,25	C, D
900	2300 / 2600 / 2900	4,5 / 5,5 / 6,5	E, F
2150 / 2450 / 2750	900	4 / 5 / 6	A, B
2225 / 2525 / 2825	900	4,25 / 5,25 / 6,25	C, D
2300 / 2600 / 2900	900	4,5 / 5,5 / 6,5	E, F

Configurations

Dimensions for 4, 5 and 6 windings - configuration A



FlexLink AB
info@flexlink.com
flexlink.com

FLEXLINK®
a **coesia** company

©FlexLink_Compact_Spiral_X85-5992 EN 2025-08