

Spiral conveyor

Modular. Flexible. Fast.



Properties

- Inexpensive and low-maintenance option of height bridging
- Can be used as a space-saving buffer zone
- Can be integrated into existing systems
- Small space requirement with high functionality
- Available in aluminium and stainless steel

Description

This spiral conveyor allows space-saving bridging of large height differences within conveyor systems while maintaining constant, high, transport rates, where the items conveyed may be either individual products, packages, cartons, or even containers.

The spiral design is reliable and easy to integrate into existing conveyor systems as a conventional straight conveyor. The chain is equipped with side ball bearings to minimize friction losses.

Compared to conventional elevators, it is less error-prone, cheaper and requires less maintenance. In addition, the vertical conveyor can also be used as a space-saving buffer zone as well as a cooling or heating unit.

In addition to gaining valuable footprint in production, and thus increasing production capacity, another noteworthy advantage is the fact that accessibility for employees can be improved by increasing the transport distances via the spiral conveyor.

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Execution



Available in	Aluminium	Stainless steel
System-/chain width (mm)	83, 140, 220	83, 140, 220
Guide rail	Fix	Fix
Min. radius (mm)	83,140 system = 400 220 system = 600	83,140 system = 400 220 system = 600
Max. transport weight (kg)	Max. 120 kg per spiral Depends on radius, number of turns, speed and product	Max. 120 kg per spiral Depends on radius, number of turns, speed and product
Max. inclination	83 system = 14° 140,220 system = 12°	83 system = 14° 140,220 system = 12°
Max. recommended speed	approx. 50m/min.	approx. 50m/min.
Working temperature	+5°C – +40°C	+5°C – +40°C