



Storage systems
Modular. Flexible. Fast.

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Depending on the requirements, we offer two different types of storage systems:



The advantage of the **linear buffer system** is that it can be positioned above existing equipment, thus creating new, previously unused production space.



The **spiral conveyor** is suitable for bridging height differences during upward and downward conveying of products with constantly high material throughput in a space-saving manner.

Linear storage system: For new production areas

Properties

- Adaptable in 3 dimensions according to your requirements
- Development of new production areas
- Low cost and low maintenance with high functionality
- Can be used as a space-saving buffer zone
- Can be integrated into existing systems
- Available in aluminium and stainless steel



Description

The linear storage system offers the advantage that it can be positioned over existing production lines and systems, thus creating new, previously unused production areas that lead to an increase in production capacity.

With this solution the transport of individual products, packages, boxes and even containers, can be maintained with a constantly high material flow.

The design is extremely flexible, as all three dimensions can be adapted to any spatial conditions. At the same time, the system is just as reliable and easy to integrate into existing conveyor systems as a conventional straight-running conveyor.

Spiral conveyor: For space-saving height bridging



Properties

- Low cost and low maintenance option for bridging heights
- Can be used as a space-saving buffer zone
- Can be integrated into existing systems
- Low 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 conveyed items can either be individual products, packages, cartons, or even containers.

The spiral is as 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, less expensive 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 space in production facility, 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.

Spiral conveyor: For space-saving height bridging

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