

STOLZ



Chain Conveyor Types A / B / C

ENGINEERED
TO YOUR NEEDS

A chain conveyor is designed for handling and extracting granular and powdered products over a sloped, horizontal or linear trajectory.

Our new range of chain conveyors covers capacities up to 530 m³/h i.e. 400 t/h on cereal base SW 0,75.

The complete range allows capacities up to 1600 m³/h.

For applications not included in this range, our Design Offices are able to develop specific conveyors meeting all requirements.

IMPROVED DESIGN

- Sprocket with dismountable teeth.
- Shrink-fitted foot pulleys
- Rationalized chains:
 - Chains including Stolz forged links, with breaking strengths from 22 to 90 T
 - ISO standardized mechanical chains, with breaking strengths from 11 to 70 T
- HMW Return rails , and HMW plates every 2 pitches reducing the wear and sound level
- Limited references for spare parts

SAFETY DEVICES

- ATEX compliance 94/9/CE on request
- Rotation control
- Overflow detection
- Product flow detection

IMPROVED DISCHARGE

Depending on the type of chain, there are various options for the height of the trunnion pins and foot wheels, to optimise the emptying of the conveyor.

Without this system, some chains lift up over a few meters before head discharge outlet, preventing a complete discharge of the unit.

The chain trajectory is then adjusted as close as possible to the bottom.

As an option, a rounded casing follows the chain trajectory at foot reducing the product retentions.

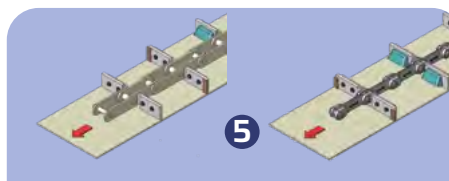
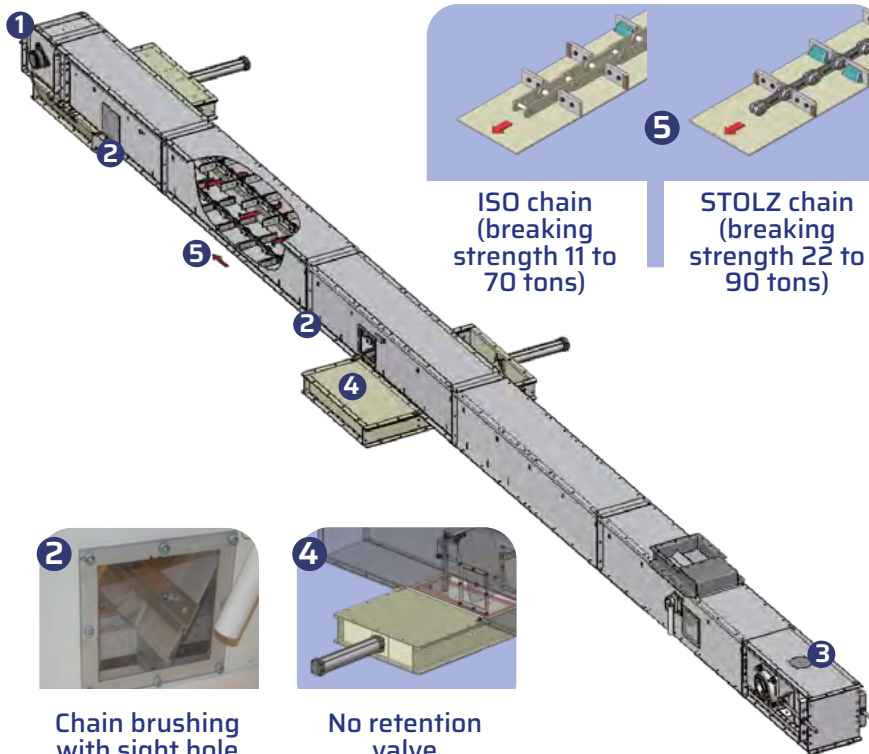
DESIGN FOR LIMITED PRODUCT RETENTION

- Rounded head top profiles (Type A/B)
- Optional rounded moving tensioning casing at foot
- Adjustment of trajectories according to chain types
- Bottom replacement valves
- Complete high Density Polyethylene chains with plates and side polyurethane scrapers
- Vertical spacers
- Shaped return rails



1

Axis height adjustment



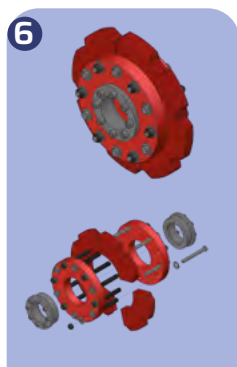
ISO chain
(breaking strength 11 to 70 tons)

STOLZ chain
(breaking strength 22 to 90 tons)



3

Tensioning system with moving casing



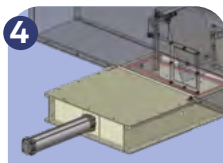
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Dismantlable toothing



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Chain brushing with sight hole



4

No retention valve



3

Inside moving casing at foot

STOLZ

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