

# Chain Conveyors



A chain conveyor is designed to handle and extract of granular and powdery products over a sloped, horizontal or linear trajectory.

Our new range of chain conveyors covers capacities up to 530 m<sup>3</sup>/h i.e. 400 t/h on cereal base SW 0,75. The complete range allows capacities up to 1600 m<sup>3</sup>/h.

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



**STOLZ**

Du végétal à la vie

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## Features and options

### Improved design

- Sprocket with dismountable teeth.
- Block screw pulleys
- Rationalized chains:
  - Chains including Stolz forged links, with breaking strengths from 22 to 100 T
  - ISO standardized mechanical chains, with breaking strengths from 11 to 31 T
- HMW Return rails, and HMW plates every 2 pitches reducing the wear and sound level
- Limited references for spare parts

### Improved discharge

Different possible axis height of pinions and foot pulleys according to the chain type optimizing the conveyor discharge. Without this system, some chains lift up over a few meters before discharge head 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.

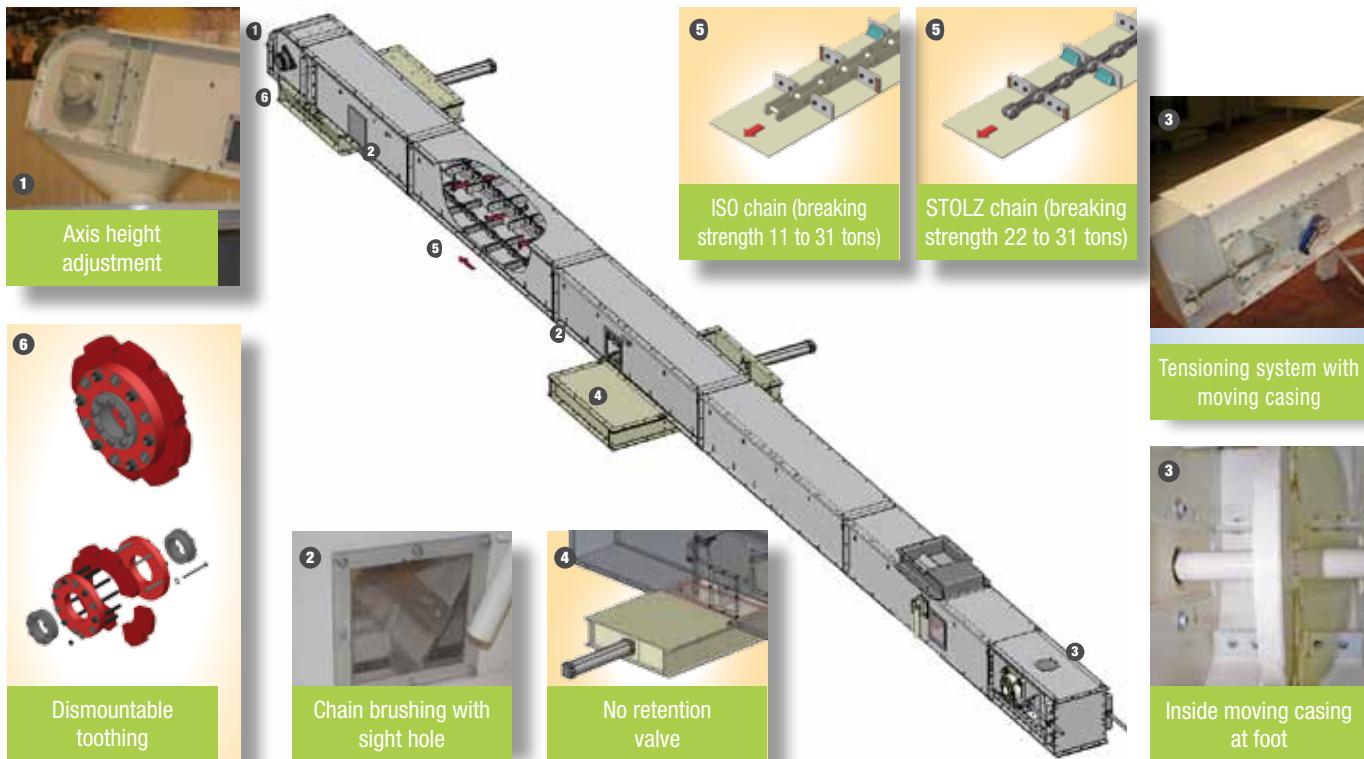
### Safety devices

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

## Design for limited product retention

- Rounded head top profiles
- 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



Photos et schémas non contractuels / No contractual drawings and pictures