

STOLZ



Bucket Elevators

ENGINEERED
TO YOUR NEEDS

A bucket elevator is designed for handling and extracting granular and powdery products over a vertical linear trajectory.

Our wide range of standard elevators can handle flows of up to 1600 m³/h.

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

FEATURES

- Protection of the head ejection area against abrasion
- Adjustable and flexible discharge flap
- Dismountable duct for inspection and installation
- All types of buckets and belts
- Low speed option for fragile products

OPTIONS

- Optimized discharging foot
- Suction intake or built-in dedusting filters
- Gradual progress for maintenance
- Feet above ground for easy maintenance
- Refeeding inlet

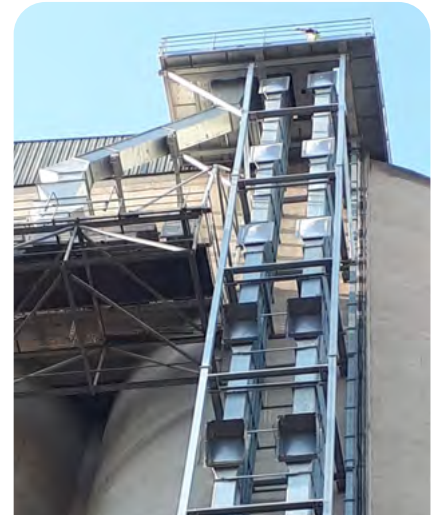
SAFETY DEVICES

- ATEX compliance on request
- Belt misalignment control
- Rotation control
- Overflow detection
- Product flow detection

SOLUTIONS AGAINST EXPLOSION RISKS

STOLZ solutions to limit explosion risks:

- Use of antistatic (ISO284) and self-extinguishing (ISO340) belts
- Fitting of explosion vents (to be specified according to each elevator: installation, capacity, KST product...)
- Dust removal at feed and discharge points
- Misalignment belt control
- Rotation control
- Bearing temperature control (option)
- Inert gas injection



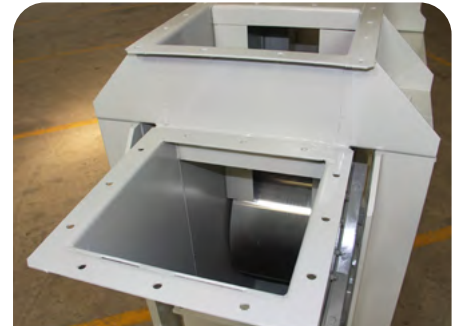
Explosion vent
at elevator head



Bucket elevator



High capacity elevator head
(1600 m³/h, height 65 m,
2x200 kW)



Refeeding inlet



Galvanized elevator



ATEX elevator



Elevators with discharge
suction intakes

STOLZ

82 Route de Boisjean • 62170 • Wailly Beaucamp • France

Tél : +33 (0)3 21 90 05 05 • contact.stolz@desmet.com

www.desmet.com/stolz

 /Stolz