

Bucket Elevators



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

Our wide range of standard elevators allows capacities up to 1600 m³/h.

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

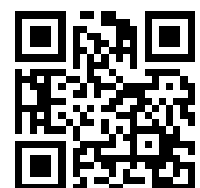
Features

- Protection of the head ejection area against abrasion
- Adjustable and flexible outlet skirt
- Dismountable sheath
- Any type of buckets and belts or chain
- Possible slow speed for fragile products

contact@stolz.fr • www.stolz.fr

Stolz

desmet ballestra



Bucket Elevators

Options and security

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 94/9/CE on demand
- Belt misalignment control
- Rotation control
- Clogging detection
- Product flow detection

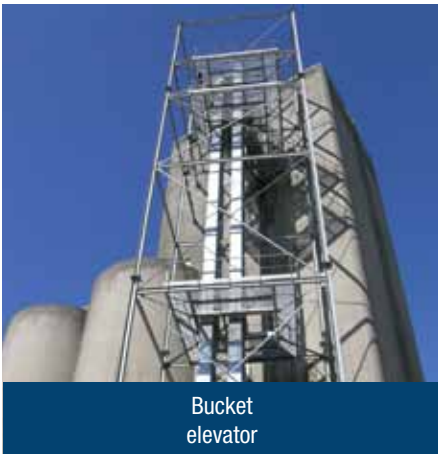
Solutions for limited explosion risks



Explosion vent
at elevator head

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...)
- Dedusting at feeding inlets and outlets
- Misalignment belt control
- Rotation control
- Bearing temperature control (option)
- Inert gas injection



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

desmet ballestra

contact@stolz.fr • www.stolz.fr