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
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

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