SAAT TECHNOLOGE

**Science of Seed Processing**

**General**

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|---|---|
| Brand | Saat Technologe |
| Designation | Continuous Cup Bucket Elevator |
| Model | CCBE Series |
| Application | The Perfect Elevator for tight spaces and gentle conveying tasks. |

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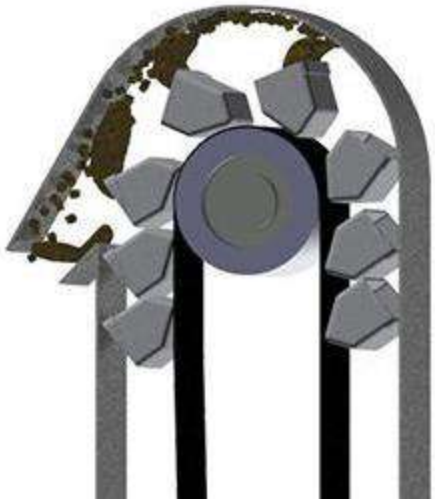
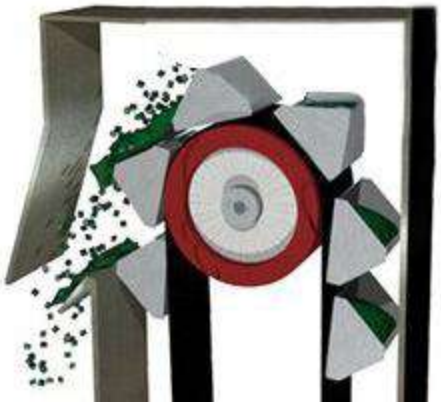
Continuous bucket-feed elevators are designed to handle brittle and delicate materials in order to minimize product deterioration or damage. It is also ideal for handling the heavy or abrasive materials. Continuous bucket feed elevators are also used to handle the light and fluid materials that must be prevented from letting air in.

The material is conveyed to the buckets by means of an inlet chute. Buckets are designed for soft unloading; the buckets are placed at short intervals on the belt or chain to allow the material to flow behind the previous bucket; the long edges close the duct in order to guide the material to the discharge nozzle. Since the direct loading of the material occurs at slow speed in this type of elevator, it prevents the ejection movement of the centrifugal type elevators and is ideal for precise use in brittle materials.



**Centrifugal Style**
High & Fast Discharge



**Continuous Cup**
Gravity Gentle Discharge

**FEATURES**

- Backstop, built in
- Solid boot pulley
- Slatted head pulley or solid head pulley with rubber lagging

**DRIVE SYSTEM**

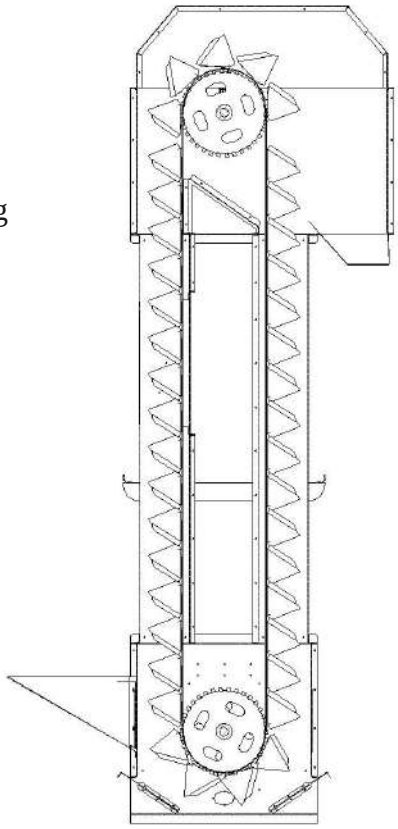
- Parallel shaft helical gearmotor, hollow shaft
- Helical level gearmotor, hollow shaft (optional)
- Gearmotor mounted on right- or left-hand side as specified

**CONTROLLERS**

- Rotation sensing
- Bearing heat sensing (optional)
- Misalignment detectors (optional)

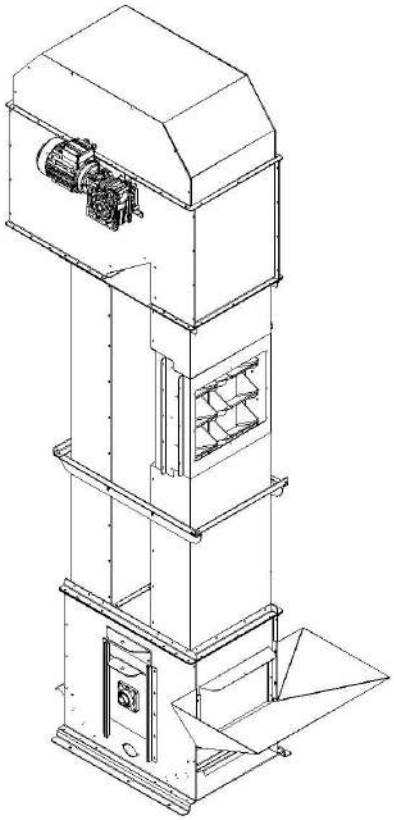
**ACCESSORIES**

- Connection for flour intake
- Connection for negative pressure
- Cleaning system for boot
- Equipotential bonding of shafts (ATEX configuration)
- Explosion relief (ATEX configuration)
- Inlet module
- Outlet module
- Scraper for solid boot pulley



## Model Specifications

| Model | Bucket Size mm | Cubic m³/h Capacity | Capacity tph @ 350m³ | Capacity tph @ 800m³ |
|---|---|---|---|---|
| **CCBE-S125** | 125 | 2,5 m³/h | 0.87 tph | 2.0 tph |
| **CCBE-D125** | 125x2 | 5 m³/h | 1.75 tph | 4.0 tph |
| **CCBE-S150** | 150 | 3,75 m³/h | 1.31 tph | 3.0 tph |
| **CCBE-D150** | 150X2 | 7.50 m³/h | 2.65 tph | 6.0 tph |
| CCBE-S180 | 180 | 6,25 m³/h | 2,18 tph | 5.0 tph |
| **CCBE-D180** | 180x2 | 12,5 m³/h | 4.37 tph | 10.0 tph |
| **CCBE-S200** | 200 | 8.75 m³/h | 2.0 tph | 7.0 tph |
| **CCBE-D200** | 200x2 | 17,5 m³/h | 6.12 tph | 44.0 tph |
| CCBE-S250 | 250 | 12.5 m³/h | 4.37 tph | 10.0 tph |
| CCBE-D250 | 250x2 | 25 m³/h | 8.75 tph | 20.0 tph |
| **CCBE-S300** | 300 | 15.62 m³/h | 5.46 tph | 12,50 tph |
| **CCBE-D300** | 300x2 | 31.25 m³/h | 10.93 tph | 25.0 tph |
| **CCBE-T300** | 300x3 | 46.87 m³/h | 16.40 tph | 37.5 tph |



- **Single Cup On a belt**
- **Double Cup on Belt for High Capacities**
- **Triple Cup on Belt for High Capacities**