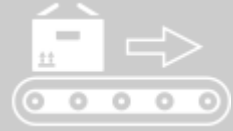


DATA SHEET

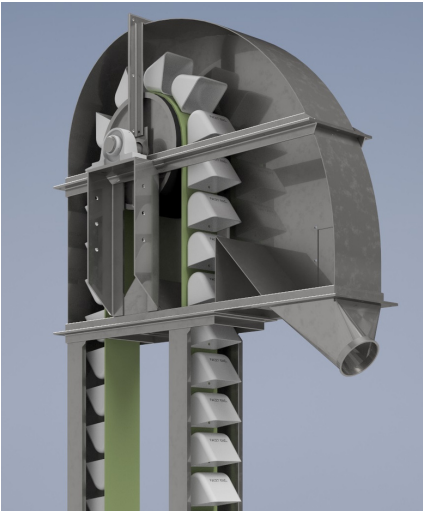
FACET Bucket Elevator Model FCBE



Facet Engineering have been designing and manufacturing Bucket Elevators since 1989. Our Bucket Elevators are a reliable and cost-effective means of conveying or lifting product vertically and work well with most free-flowing products such as grains and fertilizer, and successfully used in the mineral and mining industries.

The elevator comprises of a boot section with belt tensioner and inlet chute, connecting legs and head section with the discharge outlet. Contained within this enclosure is a belt running over pulleys, top and bottom, onto which a series of buckets are attached by special bolts.

Bucket Elevators, by their nature, run at relatively high speeds and work on the principal of a centrifugal discharge of product out of the top outlet chute. This centrifugal discharge of product takes the path of a parabolic trajectory path. The Facet Engineering Bucket Elevator has been designed to take advantage of this phenomenon with its parabolic-shaped head section, along with similar shaped buckets; all making for a highly efficient system.



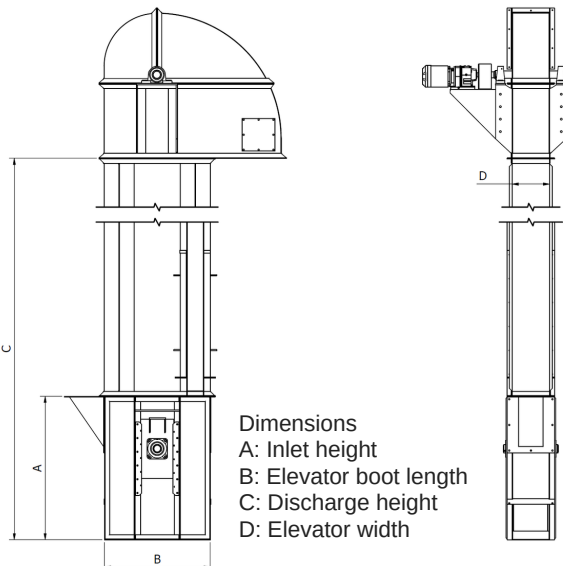
Our elevator can be supplied with bucket options including:

- HDPE plastic
- Nylon
- Pressed steel
- Stainless steel; and
- Fabricated steel

to suit the product application. In addition, various drive arrangement options are available.

Features and options:

- Quiet running
- Low maintenance
- Available in mild steel or stainless steel
- Available with dust extraction and explosion panels
- Belt tracking and rotational senses



Range of Bucket Elevators

| Model | Capacity* | Inlet height (A) |
|----------|---------------|------------------|
| FCBE 100 | 5 - 10 t/h | 820mm |
| FCBE 150 | 10 - 20 t/h | 1100mm |
| FCBE 200 | 20 - 40 t/h | 1100mm |
| FCBE 250 | 40 - 60 t/h | 1100mm |
| FCBE 300 | 60 - 100 t/h | 1150mm |
| FCBE 350 | 100 - 150 t/h | 1500mm |
| FCBE 400 | 200+ t/h | 1600mm |

*Capacities are indicative only and are dependent on the type and bulk density of the product to be conveyed. Consult with our design office for further information.