

BUCKET ELEVATOR

► A bucket elevator is a very efficient device for the continuous vertical (dust free) conveyance of granular shaped, lumpy and powdery bulk products and derivatives, used in the animal-feed and food industries.

► Bucket elevators convey the granular shaped bulk products vertically in a continuous pulsing product-flow, by means of a large number of buckets which are mounted at regular intervals as an endless string on a belt. The elevator belt runs over a pulley at the upper and the lower ends. The head-pulley is driven while the lower-pulley is constructed as a return and tension pulley. The contents and the shape of the buckets, the bucket spacing, belt speed, diameter of the pulleys, etc. are important factors.



- Product: bulk materials in feed and flour milling
- Capacity: 20 – 550 m³/hour, 10 – 275 tons / hour (d=0,5 tons/m³)
- Height: 4 – 70 meters
- Belt Speed: 1,7 – 2,9 meter/sec
- Pulley diameter: 416 – 1000 mm
- Pulley width: 165 – 550 mm
- Number of buckets: 4 – 7 pcs/meters
- Bucket type: 100 – 380 mm, 1 – 2.5 mm sheet thickness, plastic or steel
- Belts: 120 – 390 mm width, 4 layers, Oil and grease resistant



Options

- Aspiration system, anti-reverse brake system, speed sensor, belt alignment sensor



'Complete Solutions in Feed Milling Industry'