



Union Special Medway

BUCKET ELEVATORS



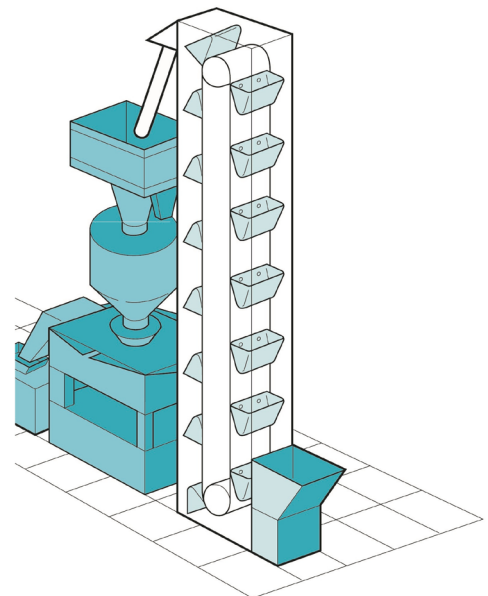
One of the most efficient ways to elevate bulk materials vertically is with a bucket elevator. A Bucket Elevator consists of a series of buckets attached to a belt or chain with pulleys or sprockets located at the top and bottom of the unit. The buckets are located in a casing or housing to contain the material. Bulk materials are loaded into each bucket as the bucket moves past an inlet point. We design and manufacture a wide variety of bucket elevators based on the characteristics of the bulk material and the process requirements.



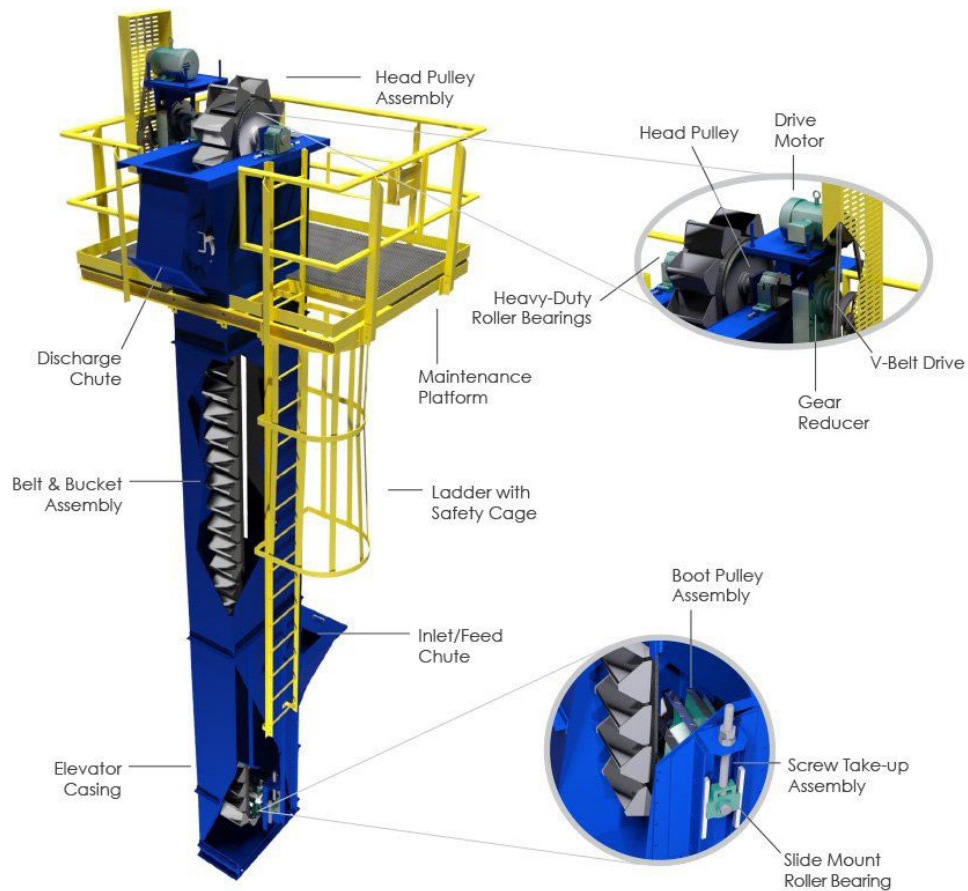
Advantages of Using Bucket Elevators

- Designed To Handle A Wide Variety Of Bulk Materials – From Average To Very Free-Flowing.
- Many Different Bucket And Casing Sizes Available.
- Completely Enclosed For Dust And Weather-Tight Operation.
- Inlet Section Can Be Control Fed Or Flood Loaded With Bulk Materials.

USM designs and manufactures Bucket Elevators to meet the needs of many industries, such as Chemical, Minerals Processing & Food. USM Bucket Elevators are custom designed for your application. Bulk material characteristics, capacity and overall height are considered when designing Bucket Elevators. USM Bucket Elevators are manufactured to rigid quality standards.



Mechanical Construction of a
BUCKET ELEVATOR



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