

Romberger® -

Bucket Elevators

Romberger® Plus Points:

-  generous dimensions of the machines and drives with adequate power reserves
-  stable, modular design for easy assembly and maintenance
-  low conveying speed makes it easy on products and low wearing; also gives the machine a long working life
-  can be made to suit all customer requirements
-  wide range of possible areas of application
-  high quality with precise measurement and fitting accuracy
-  outstanding service for life by our Customer Service Department
-  wide spacing achievable between shafts
-  smooth and low-noise operation



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Bucket Elevators:



Types:

- bucket elevators
- double bucket elevators and also:
- chain bucket elevators
- pivot bucket elevators

Material:

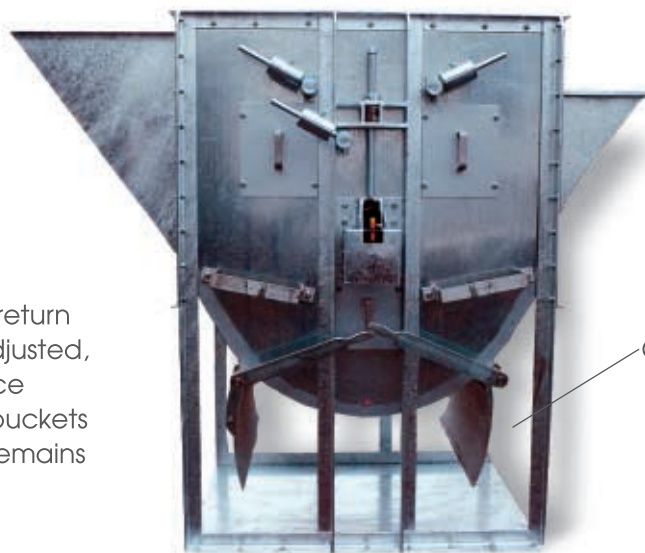
all suitable materials; especially sheet steel (also galvanised) or types of stainless steel

Conveying capacity:

up to 500 m³/h

Belt width:

Standard: 125 mm to 1,000 mm



When the return pulley is adjusted, the distance between buckets and floor remains constant

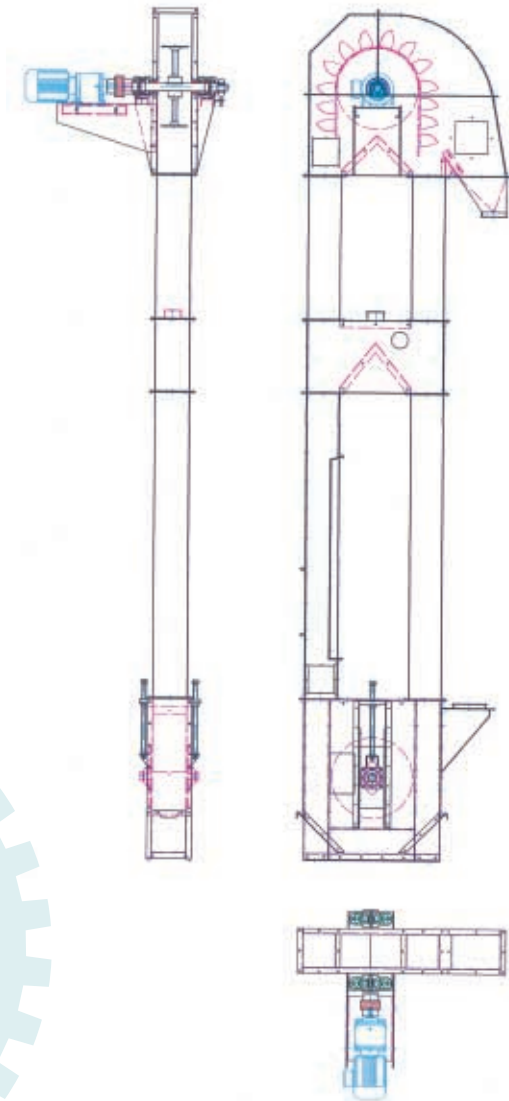
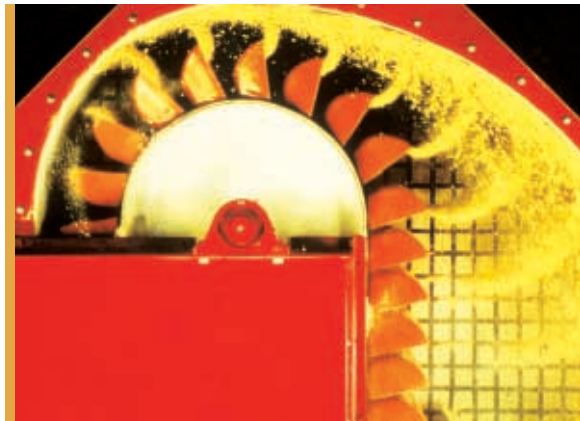
Cleaning holes

Buckets:

The bucket design used are determined by the product to be transported. The materials are mainly ordinary steel, stainless steel, plastic and rubber

Traction mechanism:

from reliable partners in the supply industry, for almost every customer requirement



Bucket elevator head:

- tripartite head for easy assembly
- all working parts very easily and separately replaceable
- side holes mean easy maintenance
- ideal ejection properties
- top quality bearings (spherical roller bearings)
- optional motor layout
- back stop

Bucket elevator chute:

- large hole for belt tensioning
- observation hole
- dimensional stability and completely angular designed for easy assembly

Bucket elevator base:

- belt tensioning by spindle tensioning device or automatic tensioning devices with weights and/or springs
- emptying valves or doors on both sides
- all wear parts are very easily and separately replaceable
- side maintenance holes
- from 500 mm pulley diameter with extra large assembly hole

Control and Safety Devices:

- off-track detector
- shaft speed monitor
- "full" and "empty" signal
- ATEX version



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Special design,
slow-running chain bucket elevator



Example of an assembled bucket elevator

Alternative Designs/Accessories:

- product-sparing sash disc with double cone in the base
- replaceable anti-wear inserts
- inlet and outlet precisely adapted to existing systems
- aspiration connector
- round inlet and outlet pipes in the case of silo traverses or because of the Ex version
- also version in accordance with ATEX Guidelines



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