



Vertical elevator

For all kinds of root and tuber vegetables



- Minimum space requirements
- Gentle product processing
- Solid design

Vertical elevator

The elevator is used for vertical transport of field crops in the most limited space. It can be used both for washed and unwashed products with diameters of up to 200 mm. It allows the transported material to be lifted gently to the desired height in a narrow space. The floor-space required for the Vertical Elevator is independent of the conveying height, in contrast to other conveyor systems. The Vertical Elevator is available in standardized widths and variable lengths. The width is designed to the capacity specifications of our clients.

Transportation is performed in buckets attached to two infinite conveyor chains running parallel to one another. The buckets are made of stainless steel and are lined with loose-fitting fibre-reinforced, food-quality PVC belt material. This prevents the vegetables from being damaged and dirt from sticking to the buckets.

The field crops are usually fed onto the Vertical Elevator by a conveyor, which delivers the crops into the transfer box from which they are transferred into the elevator buckets. At the delivery position of the Elevator, the buckets are rotated by more than 100° and emptied completely. The contents can be, for example, transferred onto a conveyor. The type of construction ensures minimum height differences during transfer.

The Vertical Elevator has a solid frame construction, which is available in steel with a protective coating or in stainless steel. Two oilers for the chain and a backstop are integrated into the machine.

Working widths 650, 800, 1000, 1200, 1400, 1600 mm

The infeed and discharge conveyors are not included in the scope of delivery, but can be designed individually and provided according to customer requirements.

