

Vertical Bucket Elevator for Bulk Materials

This bucket elevator is a vertical conveying system for efficiently moving bulk materials. It utilizes a series of buckets attached to a rotating chain or belt to elevate materials.



Product Overview

Efficient Vertical Transport

The TDTG series bucket elevator provides a reliable and economic solution for the vertical transport of bulk grain and industrial materials. Designed for high-capacity operation, it features a rubber-covered pulley system to eliminate belt slippage and ensure consistent performance. With a robust construction and advanced safety monitoring options, this system is an essential component for grain processing, feed production, and oil processing facilities.

Construction & Materials

Housing Material Options	Galvanized Steel, Painted Carbon Steel, Stainless Steel
Bucket Material Options	High Density PE, Nylon, Polyurethane

Technical Specifications

Operating Temperature Range

-20 °C Minimum Temp	80 °C Maximum Temp
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Belt Material	Chain polyester and weft polyamide
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Safety & Monitoring

Integrated Safety Devices

- Explosion-proof panels
- Observation window
- Speed loss sensor
- Belt alignment sensor
- Level & Choke sensor

Drive System

Drive Unit Components

- Electric motor
- Shaft type reducer
- Drum