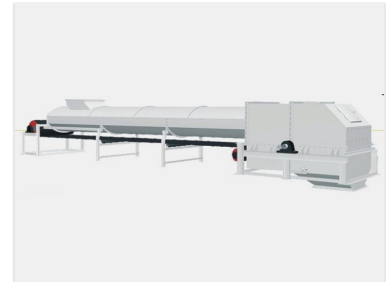


Air Cushion Conveyor System for Bulk Materials

This air cushion conveyor system gently conveys bulk materials using a cushion of air, reducing friction and product damage. The system features an enclosed conveyor trough, air supply, adjustable air pressure, and a discharge mechanism.



Overview

High-Efficiency Air Cushion Conveyor

The QDG series air cushion belt conveyor is designed for long-distance, high-capacity transport of bulk materials including granular, flaky, and powdery substances. By utilizing an air cushion instead of traditional rollers, the system significantly reduces friction, energy consumption, and maintenance costs while ensuring stable operation. It is an ideal solution for industries such as coal, chemical, pharmaceutical, food, and construction, offering reliable performance with minimal wear.

Technical Specifications

Maintenance Cost Reduction

50 %

Savings over roller conveyors

Conveyor Series	QDG Series
Available Tensioning Modes	Screw tension, Fixed guide-rail gravity tension, Side trolley tension

Safety & Control

Safety Protection Devices

- Inspection door
- Observation window
- Dust-collection exhaust inlet
- Speed detection
- Disalignment protection
- Anti-blockage sensors
- Axle temperature detection

Key Features

Operational Highlights

Low Energy Consumption • High Sealing Efficiency • Reduced Friction • Long Service Life • Stable Operation