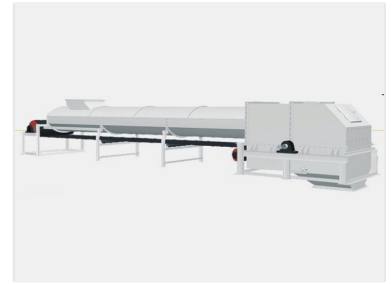


# Air Cushion Conveyor System for Bulk Materials

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

<b>Conveyor Series</b>	QDG Series
<b>Available Tensioning Modes</b>	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