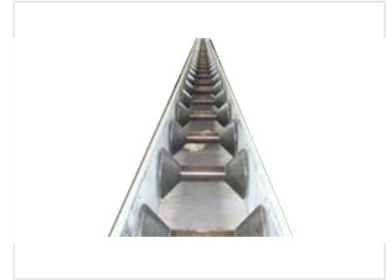


Enclosed Chain Conveyor System for Material Handling

This enclosed chain conveyor system efficiently and reliably moves materials in industrial settings. Its robust chain mechanism operates within an enclosed structure, suitable for horizontal, vertical, or inclined paths.



Overview

Enclosed Material Handling Solution

The DSDC series is an advanced enclosed conveyor system engineered to optimize material handling while ensuring environmental safety. By utilizing a unique dumbbell-type idler design and a fully sealed housing, it effectively eliminates dust leakage and contamination. This system is highly versatile, supporting horizontal or low-angle transport for granular and flake materials across food, feed, and chemical industries.

Technical Specifications

Conveying Angle	Horizontal or less than 15° tilt angle
Available Tension Modes	Enclosed expansion screw, Fixed guide-rail gravity, Slide trolley

Safety & Monitoring

Safety Protection Devices

- Inspection door
- Observation window
- Dust-collection exhaust inlet
- Speed detection
- Anti-blockage system
- Axle temperature detection

Design Features

Design Highlights

Feature	Function
Dumbbell Idlers	Replaces V-type idlers to minimize dust
Rubber Head Wheel	Increases friction and prevents belt skidding
Tail Self-Cleaning	Prevents material accumulation

Application

Applicable Industries

Food Processing • Animal Feed • Chemical Industry

Suitable Materials	Granules, Flake materials
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