

Industrial Belt Conveyor System

This belt conveyor system utilizes a continuous loop belt that rotates around two or more pulleys. Powered pulleys drive the belt and move materials forward, while unpowered pulleys redirect the belt.



Product Overview



A robust belt conveyor system designed for continuous operation and versatile material transport.

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This industrial belt conveyor system is engineered for high-capacity material transport in demanding environments such as mining, metallurgy, and coal processing. It features a robust, continuous loop design driven by a high-torque pulley system, ensuring reliable movement of loose materials and finished goods. The system is built with standard components to facilitate convenient repairs and maintenance, making it a versatile solution for diverse industrial conveying lines.

Technical Specifications

Core Components

- Continuous loop conveyor belt
- Drive pulley (powered)
- Idler pulley (unpowered)
- Electromotor and reducer assembly
- Expansion cylinders

Target Industries

Mining, Metallurgy, Coal Processing, Aggregate Handling

Operational Details

Key Advantages

High Capacity • Simple Structure • Easy Maintenance • Standard Parts

Operating Principle

Friction-based drive system where the belt is propelled by the drive pulley, typically installed at the material discharging end to maximize pulling force.