

# Movable Belt Conveyor

This movable belt conveyor is a highly efficient, safe, and reliable piece of continuous handling equipment with good mobility. It is used for short-distance transport and loading/unloading of bulk materials or items weighing up to 100 kg in frequently changing locations such as ports, docks, and construction sites.



## Overview



A robust steel-framed conveyor designed for continuous handling of bulk materials in industrial environments.

### High-Efficiency DY Series Movable Belt Conveyor

The DY type movable belt conveyor is a high-efficiency, safe, and reliable continuous handling solution designed for maximum mobility. It is specifically engineered for loading and unloading operations in frequently changing locations such as ports, warehouses, and construction sites. This robust system supports both bulk materials and individual items weighing up to 100 kg, making it a versatile asset for short-distance industrial transport.

<b>Key Features</b>	High Efficiency, Mobile Design, Continuous Handling, Adjustable Inclination, Steel Tube Structure
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## Technical Specifications



Equipped with a high-capacity belt and powerful drive system, ideal for conveying aggregates and ores.

### Available Belt Materials

- Rubber
- PVC
- PU
- Teflon
- Nylon

### Wheel Options

Pneumatic Tires • Steel Wheels

Maximum Item Weight	100 kg
Drive Mechanism	Electric drum drive

## Performance & Durability

### Expected Service Life

**10 Years**

Service Life

### Design Advantages

- High-precision hard gear surface with 2-3x higher load capacity
- Compact structure reducing floor space by over 50%
- Lightweight design reducing total volume by 50%
- Vertical transmission structure suitable for underground mining

## Configurations

### Standard Belt Widths & Lifting Options

Belt Width (mm)	Hydraulic Lift (within 10m)	Electric Lift (within 10m)	Manual Lift (within 10m)
300mm	Available	Available	Available
500mm	Available	Available	Available
600mm	Available	Available	Available
650mm	Available	Available	Available
800mm	Available	Available	Available
1000mm	Available	Available	Available
1200mm	Available	Available	Available
1500mm	Available	Available	Available

## Application Areas

### Ideal Use Cases

- Ports and Docks
- Stations and Yards
- Warehouses
- Construction Sites
- Sand and Gravel Quarries
- Farms
- Coal Mines