

# Belt Conveyor Return Idler Roller

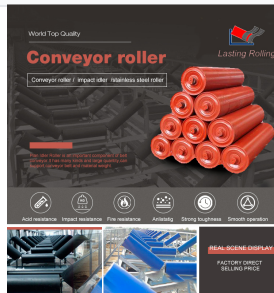
This belt conveyor roller is ISO certified and provides steady performance. It is designed for a long service life and safety in material handling.



## ADDITIONAL IMAGES



## Overview

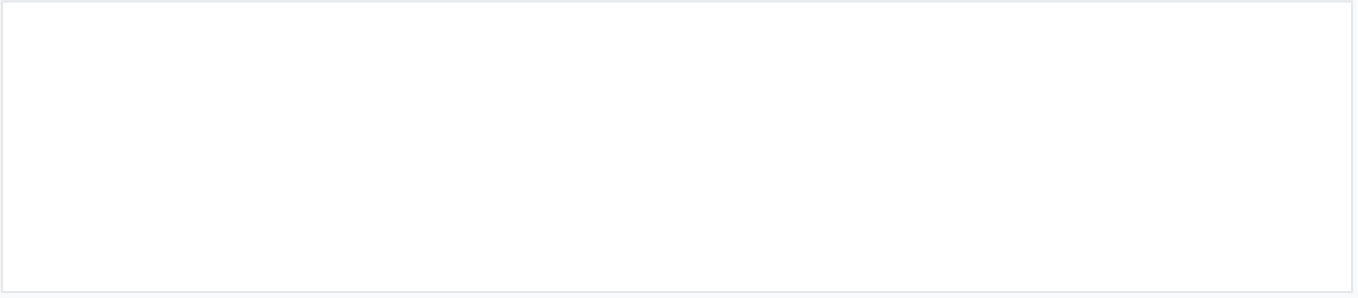


High-quality conveyor rollers designed for heavy material support and smooth operation.

### High-Performance Belt Conveyor Return Idler

This high-precision return idler roller is an essential component for belt conveyor systems, designed to support the conveyor belt and material weight with steady performance. Engineered for demanding mining and industrial applications, it features a robust carbon steel construction and a multiple labyrinth seal for superior protection. With ISO and CE certifications, this roller ensures a long service life and enhanced safety performance in harsh operational environments.

## Key Performance Metrics



Engineered for optimal performance and extended service life in harsh environments.

### Performance Highlights

**30000 Hours**

Service Life

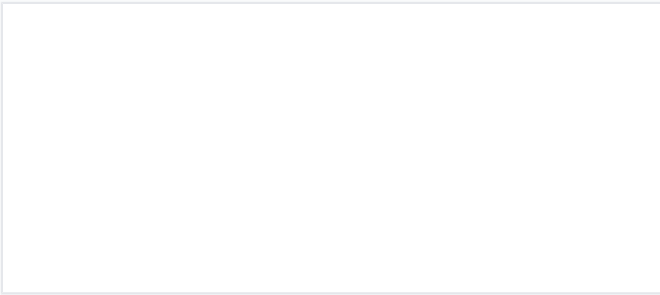
**12 Months**

Warranty

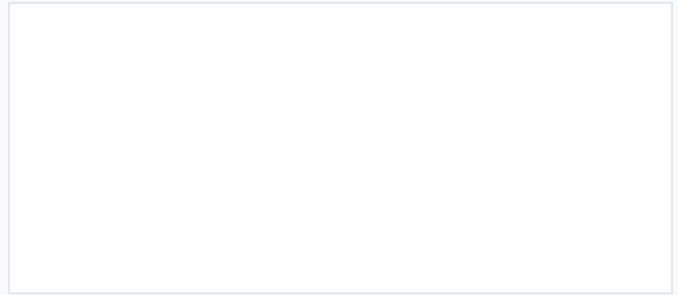
**98 %**

Qualification Rate

## Technical Specifications



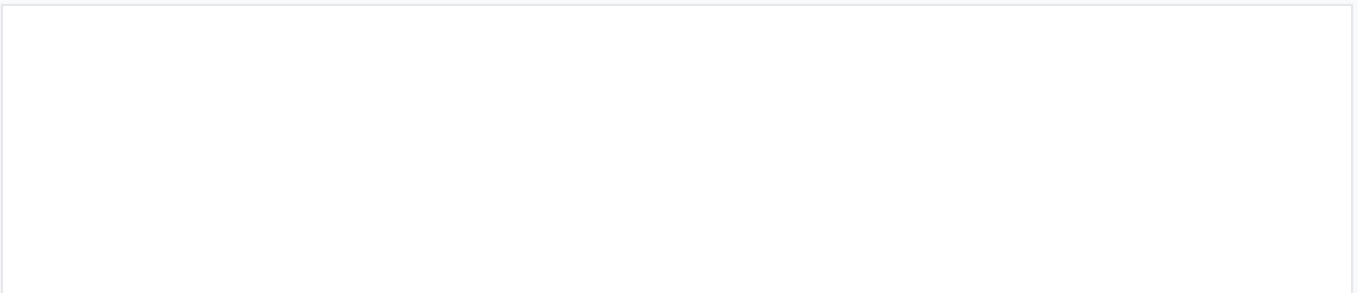
Precision-engineered steel rollers for mining and industrial conveyor systems.



Return idler rollers are designed to minimize friction and energy consumption.

Model Type	Steel roller
Diameter	89-159mm
Length	190-1500mm
Material	Carbon steel

## Components & Design



Close-up of the robust construction and precision bearing housing.

Seal Structure	Multiple non-contact labyrinth seal (Nylon)
Bearing Type	Deep Groove ball bearing (C3 clearance grade)
Lubrication	Long-acting lithium-based grease

## Compliance & Features



Secure packaging in wooden crates ensures product integrity during international transit.

### Operational Advantages

- Waterproof and dustproof
- Acid and impact resistance
- Fire resistant and anti-static
- Low noise and smooth running
- Minimal rotational resistance
- High precision with small diameter jump

<b>Certifications</b>	ISO, CE
<b>Manufacturing Standards</b>	DIN, AS, JIS, CEMA, SANS-SABS, GOST, AFNOR