

Steel Conveyor Roller for Belt Conveyor Systems

This steel conveyor roller is a key component for belt conveyor systems, designed to support and move materials efficiently. It offers steady performance and a long service life in demanding environments.



ADDITIONAL IMAGES



Product Overview

High-Performance Steel Conveyor Rollers

These precision-engineered steel rollers are essential components for CEMA belt conveyor systems, designed to support heavy material loads with steady performance. Featuring a robust carbon steel construction and deep groove ball bearings, they ensure a long service life and high safety standards in demanding mining and industrial environments. The multiple labyrinth seal design provides superior protection against water and dust, maintaining smooth operation even in harsh conditions.

Technical Specifications

Diameter Range	89 mm
Length Range	190-1500mm
Material	Carbon steel
Bearing Type	Deep Groove ball bearing (C3 clearance grade)
Seal System	Multiple labyrinth seal (Nylon, non-contact)

Performance Metrics

Performance Standards

30000 Hours

Service Life

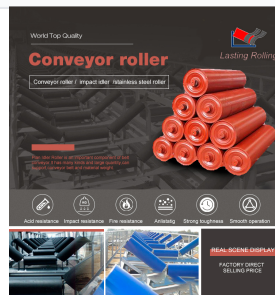
98 %

Qualification Rate

12 Months

Guarantee

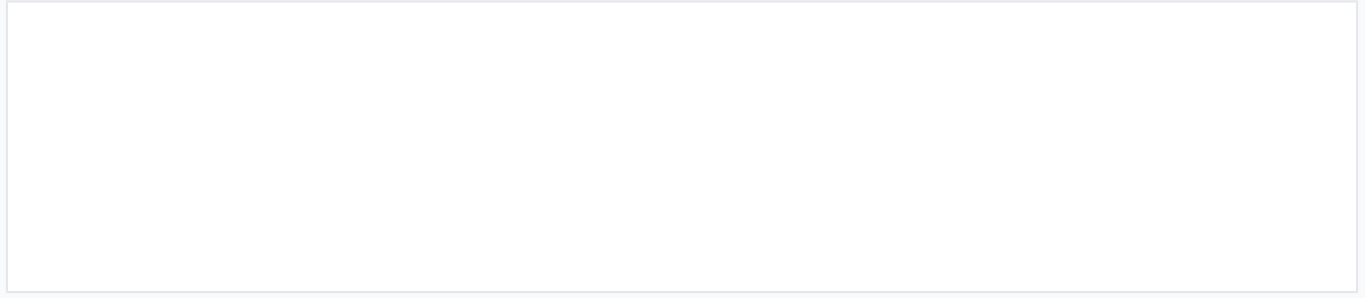
Key Advantages



Operational Benefits

- Waterproof and dustproof design
- Acid and impact resistance
- Fire resistant and anti-static properties
- Low noise and smooth rotation
- Minimal axial float and shaft radial play
- High precision with small diameter jump

Compliance & Quality



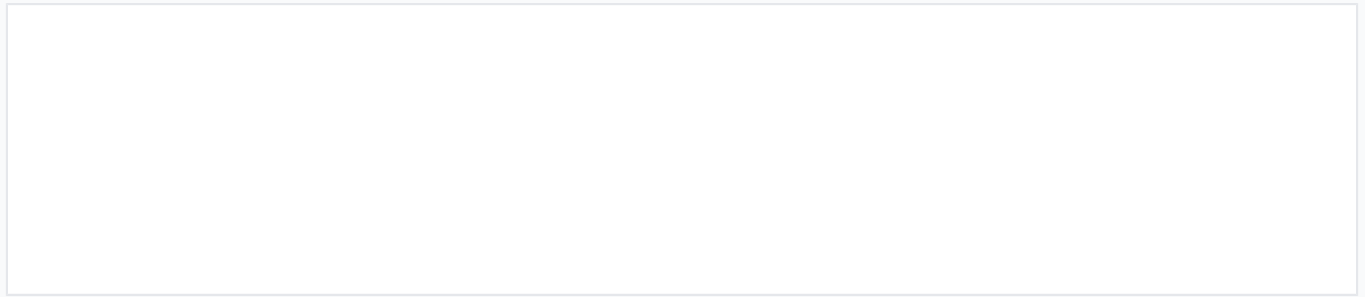
Compatible Standards

CEMA • DIN • AS • JIS • SANS-SABS • GOST • AFNOR

Certifications

ISO, CE

Customization



Customization Options

- Customized Color
- Specific Dimensions (Diameter/Length)
- Application-specific idler types (Impact, Return, Carrier)