

# 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

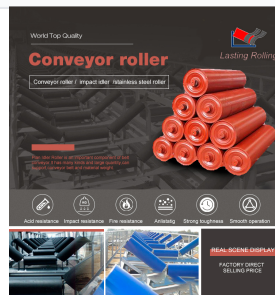
**98 %**

Qualification Rate

**12 Months**

Guarantee

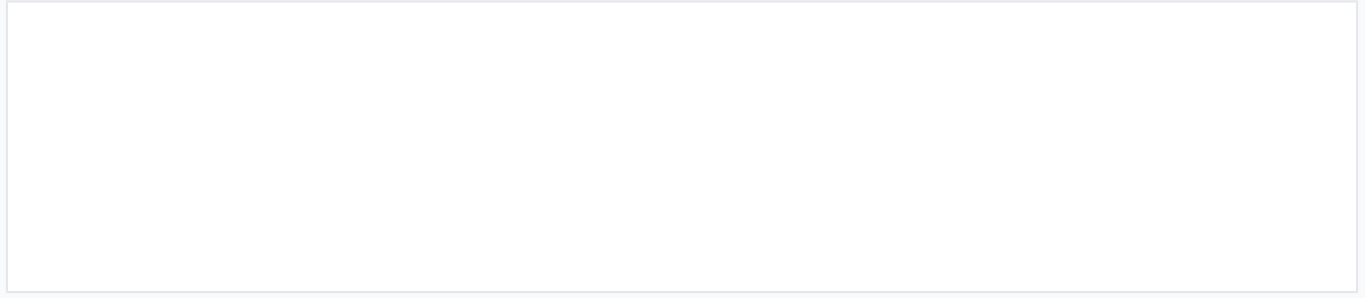
## Key Advantages



### 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



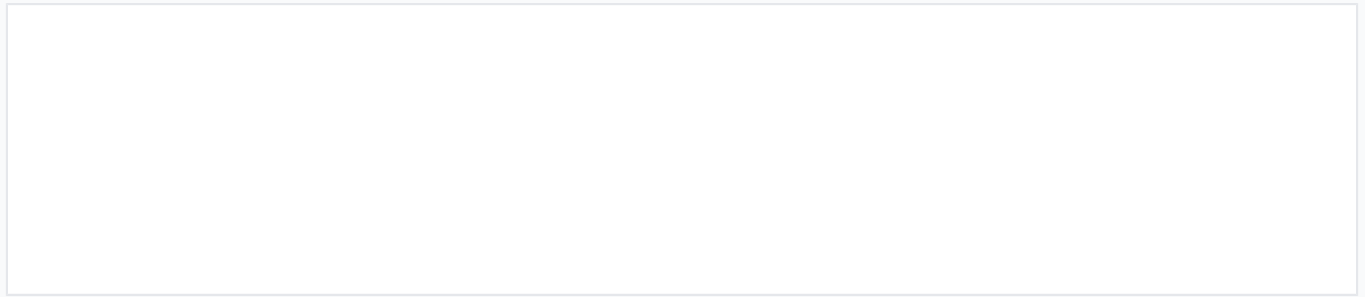
### Compatible Standards

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)