

# Conveyor Roller for Mining

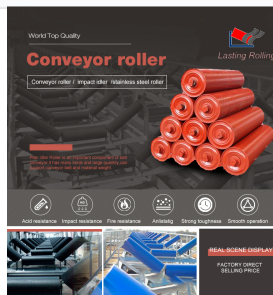
This conveyor roller supports and guides conveyor belts and material weight. It features waterproof and dustproof performance with a long service life.



## ADDITIONAL IMAGES



## Product Overview

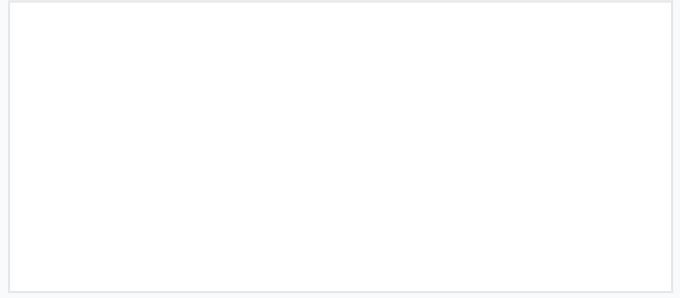
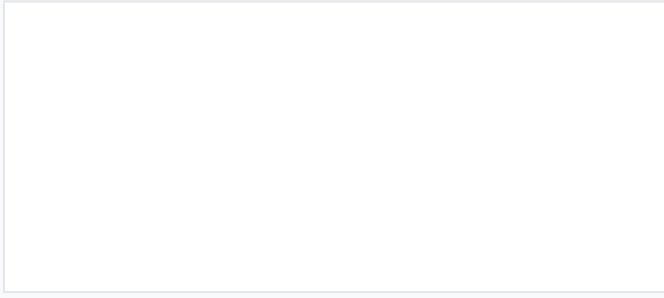


Support for multiple roller types including impact idlers and plan idlers for diverse mining needs.

### High-Performance Mining Conveyor Rollers

These precision-engineered steel rollers are essential components for heavy-duty belt conveyor systems in the mining industry. Designed to support significant material weight, they feature a multiple labyrinth seal structure and deep groove ball bearings to ensure smooth, reliable rotation. With a focus on durability, these rollers offer high precision, steady performance, and an extended service life even in harsh underground or surface mining environments.

## Technical Specifications

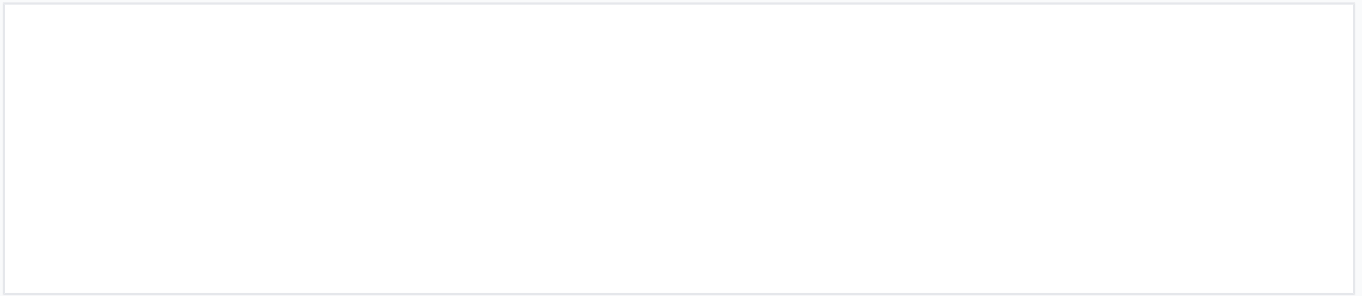


Precision-engineered carbon steel roller with corrosion-resistant coating for mining applications.

Detailed view of the roller housing, bearing assembly, and labyrinth seal system.

<b>Diameter</b>	89-159mm
<b>Length</b>	190-1500mm
<b>Primary Material</b>	Carbon steel
<b>Bearing Type</b>	C3 clearance grade deep groove ball bearing
<b>Sealing System</b>	Multiple labyrinth seal (Nylon)

## Performance Metrics



High precision and steady performance design reduces material jitter and extends belt life.

### Performance Standards

**30000 Hours**

Service Life

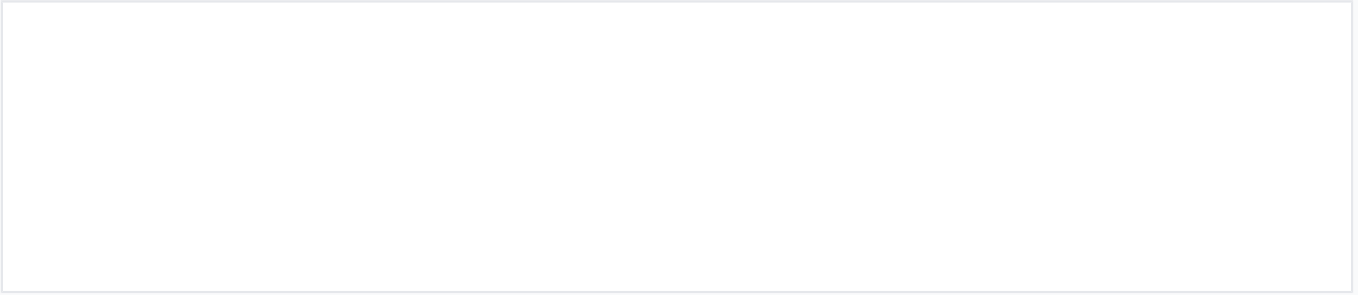
**98 %**

Qualified Rate

**12 Months**

Guarantee

## Key Features



Robust construction featuring a solid steel shaft and precision bearings for heavy load handling.

### Operational Benefits

- Waterproof and dustproof design
- Acid and impact resistance
- Fire resistant and anti-static properties
- Low noise and smooth running
- Minimal axial float and shaft radial play
- Maintenance-free lifetime lubrication

## Compliance & Standards

### Certifications

ISO • CE

### Manufacturing Standards

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

## Testing Procedures

### Rigorous Quality Testing

- Water-proof & Dust-proof tests
- Anti-static testing
- Axial displacement test
- Radial runout test
- Rotation resistance test
- Drop and inertia tests