

Conveyor Roller for Mining

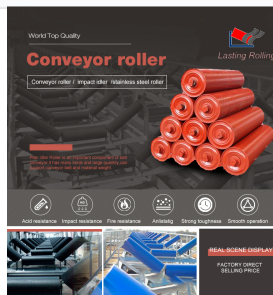
This conveyor roller supports and guides conveyor belts and material weight. It features waterproof and dustproof performance with a long service life.



ADDITIONAL IMAGES



Product Overview

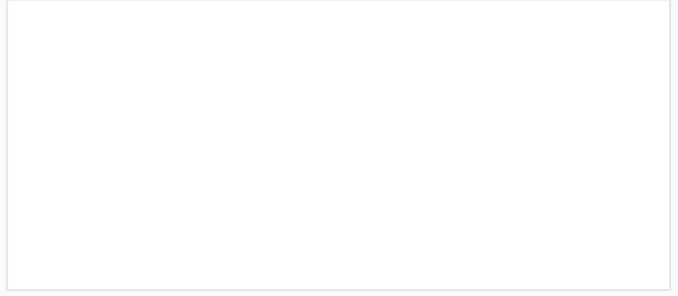
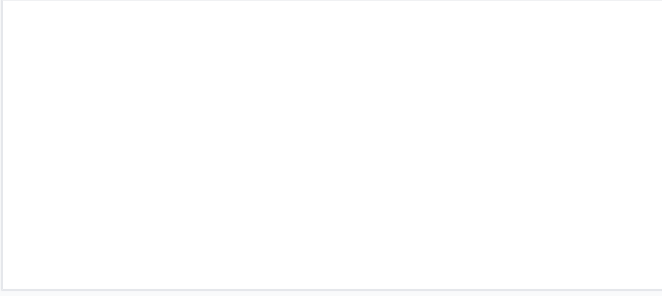


Support for multiple roller types including impact idlers and plan idlers for diverse mining needs.

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

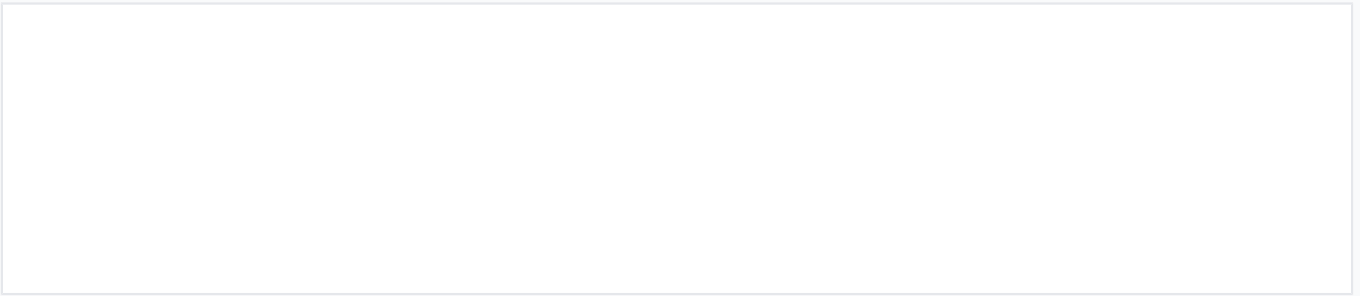


Precision-engineered carbon steel roller with corrosion-resistant coating for mining applications.

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

Diameter	89-159mm
Length	190-1500mm
Primary Material	Carbon steel
Bearing Type	C3 clearance grade deep groove ball bearing
Sealing System	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