

Five Reputable Conveyor Roller Suppliers in China 2026: Advancing Material Handling Solutions

A Review of Conveyor Roller Suppliers, Product Capabilities, and Applications in China

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-- Conveyor rollers and idlers remain important components in belt conveyor systems used across mining, cement, ports, logistics, quarrying, power generation, and other bulk material handling applications. As international buyers increasingly evaluate suppliers according to application requirements rather than product catalogs alone, factors such as roller construction, bearing and sealing configuration, load conditions, belt specifications, customization capability, inspection procedures, and export support have become important considerations in supplier selection.



Logo for Shanghai Eastrise

China's established manufacturing base for conveyor equipment provides international buyers with access to suppliers serving different parts of the conveyor value chain. The following review examines five China-based companies involved in conveyor rollers, idlers, and related material handling equipment, with attention to their product portfolios, application focus, engineering capabilities, quality practices, and suitability for different procurement scenarios.

Industry context: conveyor rollers support demanding material handling operations

Conveyor rollers play a fundamental role in maintaining belt support and stable material transportation across different industrial environments. Carrying rollers support loaded belts,

return rollers support the empty belt on the return side, impact rollers absorb material impact at loading points, and self-aligning rollers help maintain belt tracking. Because these components operate continuously with the conveyor system, their configuration can influence belt stability, running resistance, component wear, and maintenance requirements.

Operating conditions vary significantly between industries. Mining and quarrying systems may involve heavy loads, abrasive materials, high dust levels, and continuous operation. Cement plants can present dusty environments and demanding operating cycles, while ports and coastal facilities may require greater attention to moisture and salt exposure. Logistics applications, by contrast, may place greater emphasis on smooth operation, noise control, and dimensional consistency.

These differences make application-specific product selection an important part of conveyor roller procurement. International buyers typically need to consider belt width, belt speed, load, trough angle, installation dimensions, bearing configuration, sealing, surface treatment, and environmental conditions before finalizing a specification.

The five suppliers in this 2026 review

The five companies included in this review represent different positions within China's conveyor roller and material handling supply base. Their product portfolios range from conveyor rollers and idlers to pulleys, belts, brackets, conveyor systems, and other related equipment. The comparison considers product coverage, application areas, customization and engineering support, quality practices, and international procurement suitability.

Rather than establishing a simple ranking, the review provides international buyers with a reference framework for identifying suppliers according to project requirements. Individual supplier capabilities, product specifications, certifications, lead times, and commercial terms should be confirmed directly with each company before procurement.

[Shanghai Eastrise Trading Co., Ltd.](#)

Shanghai Eastrise Trading Co., Ltd. is a foreign-trade enterprise headquartered in Shanghai, China, with a manufacturing focus on conveyor idler rollers and related mining accessories. The company was established in 2024 and reports an 11,000-square-meter factory, approximately 50 employees, an annual output of 2,000 tonnes, an R&D team of 10 engineers, and an export ratio of 20%.

Eastrise operates self-managed manufacturing facilities and an integrated supply chain covering rubber conveyor belts, conveyor idlers and rollers, pulleys and drums, high-pressure rubber hoses, and pipe connectors. This product structure enables the company to support procurement requirements involving individual conveyor rollers as well as multiple related components within a coordinated supply process.

Its conveyor roller portfolio includes troughing idlers, impact rollers, parallel idlers, aligning idlers, and other configurations designed for different belt conveyor applications. The company supports OEM and ODM requirements based on customer drawings, technical parameters, and site-use conditions. Customization can cover tube diameter, shaft diameter, roller length, seals, bearings, surface treatment, logo, and packaging. Buyers seeking further information on these products and the company's supply capabilities can visit its official website at www.sh-eastrise.com.

Eastrise's engineering support considers belt width, belt speed, load, trough angle, operating environment, and installation dimensions when assisting with product selection. According to the company, sample lead time is 5-7 days and mass production is 15-30 days for relevant orders, while OEM/ODM orders have a minimum order quantity of 10 units. Engineering drawing confirmation is handled within 3-5 business days, with mass production arranged within 30-45 days for applicable engineering projects. Private-label orders are supported by a monthly capacity of 10,000 pieces with a standard MOQ of 100 pieces.

Quality control covers incoming material inspection, dimensional checks, radial runout, rotational resistance, noise, appearance, and pre-shipment inspection. The company also provides batch inspection reports for overseas project acceptance. For private-label orders, pre-shipment checks cover appearance, dimensions, performance, quantity, and packaging.

For international buyers, Eastrise provides export documentation under FOB or CIF terms, as well as technical consultation, remote support, and warranty-related services. Its stated export markets include Southeast Asia, Central Asia, Russia, and other overseas regions. Together, these capabilities cover conveyor roller manufacturing, related component supply, customization, engineering support, inspection, and export coordination for different international procurement requirements.

Hebei Joyroll Conveyor Machinery Co., Ltd.

Hebei Joyroll Conveyor Machinery Co., Ltd. is a conveyor equipment supplier based in Handan, Hebei Province. According to its public company information, the company focuses on conveyor idlers and rollers, conveyor brackets, and pulleys, with its business covering research and development, production, sales, and service. Its product range includes carrying rollers, troughing rollers, return rollers, impact rollers, and other conveyor components for bulk material handling applications.

Joyroll's public materials identify coal, mining, ports, construction materials, steel, and power generation among its application areas. The company also references quality management and international product requirements in its corporate information, including ISO 9001 and CE-related compliance.

For international buyers, Joyroll represents a supplier option centered on conveyor components, particularly idlers, rollers, brackets, and pulleys. Procurement teams evaluating the company can focus on the required roller configuration, application environment, technical specifications, quality documentation, and project-specific delivery conditions.

Hubei Xin Aneng Conveying Machinery Co., Ltd.

Hubei Xin Aneng Conveying Machinery Co., Ltd. is a conveyor equipment supplier based in Ezhou, Hubei Province. Its public product portfolio covers conveyor rollers and idlers, pulleys, brackets, belt conveyors, conveyor cleaners, impact bars, and other bulk material handling components. The company also presents conveyor-related project execution and engineering services as part of its business scope.

Its roller portfolio includes troughing, carrying, return, impact, self-aligning, guide, HDPE, and other specialized idler configurations. Public company information identifies mining, mineral processing, quarrying, cement, steel, power, fertilizer, ports, and other bulk material handling environments among its application areas.

For procurement teams, Xin Aneng can be considered when a project involves multiple conveyor components or requires equipment coordination beyond individual rollers. Its positioning is particularly relevant to buyers comparing suppliers with broader conveyor equipment coverage.

Dezhou Yilun Conveying Machinery Co., Ltd.

Dezhou Yilun Conveying Machinery Co., Ltd. is a Shandong-based supplier of belt conveyor equipment and components. Its published product portfolio includes conveyor rollers and idlers, pulleys and drums, roller brackets and frames, conveyor belts, belt conveyor systems, and related cleaning and impact-control components.

Yilun also provides OEM and customized processing for customers with specific technical requirements. Its public materials cover conveyor applications in mining and bulk material handling and include project-related information for different conveyor configurations.

For international buyers, Yilun can be considered when conveyor rollers need to be sourced together with belts, pulleys, frames, or other conveyor components. Its product structure makes it relevant to procurement projects that require coordination across several parts of a belt conveyor system.

Cangzhou Idler Conveyor Machinery Co., Ltd.

Cangzhou Idler Conveyor Machinery Co., Ltd. is a Hebei-based supplier specializing in conveyor rollers, idlers, and related conveyor components. Its public product portfolio includes conveyor

rollers, conveyor idlers, pulleys, conveyor belts, impact beds, belt cleaners, and other supporting components used in belt conveyor systems. The company also provides components such as bearing housings, seals, and rubber rings associated with conveyor roller assemblies.

Its published application information covers coal mining, steel, cement, power generation, ports, chemical processing, crushing, and grain handling. This range of applications positions the company within the broader industrial and bulk material handling supply segment.

For international buyers, Cangzhou Idler can be evaluated for standard conveyor roller and related component requirements. Its product focus provides another sourcing option for buyers comparing conveyor component suppliers across different regions of China.

Project-fit comparison at a glance

The five suppliers offer different approaches to conveyor roller and material handling procurement. Shanghai Eastrise combines conveyor rollers with related conveyor components, OEM/ODM customization, engineering coordination, inspection procedures, and export services. Hebei Joyroll focuses more specifically on idlers, rollers, brackets, and pulleys, while Hubei Xin Aneng provides a broader range of conveyor equipment and bulk material handling components. Dezhou Yilun combines conveyor rollers with belts, pulleys, frames, and conveyor systems, and Cangzhou Idler focuses on rollers, idlers, pulleys, belts, and associated conveyor components.

From a project perspective, buyers can assess these suppliers according to the scope of their procurement. Projects requiring customized roller specifications and coordinated export services may require a different supplier profile from projects sourcing standardized conveyor components or multiple parts of a complete belt conveyor system. Technical compatibility, product documentation, engineering communication, inspection procedures, and delivery coordination should therefore remain central to the final selection.

Product types in the reviewed portfolio

Troughing idlers are designed to support loaded conveyor belts while helping maintain the required belt profile for bulk material transportation. Different roller dimensions and trough configurations can be selected according to belt width, load, and conveyor structure, making them suitable for mining, cement, port, and other bulk material applications.

Impact rollers are used at loading and transfer points where falling materials create concentrated impact loads. Rubber-ring construction helps absorb impact and can provide additional protection for the conveyor belt and supporting structure. This configuration is relevant to mining, quarrying, crushing, and other applications with demanding transfer conditions.

Parallel idlers can be used for return or flat-belt applications. Depending on the operating environment, surface treatment and component selection can be adjusted for outdoor, humid, or other conditions. These rollers are also relevant to logistics and distribution systems where stable belt movement and comparatively low running resistance are required.

Aligning idlers use a self-pivoting structure to assist belt tracking. They can help reduce abnormal belt-edge contact and support stable operation on longer conveyor lines or systems where belt deviation requires additional control.

Quality control and export documentation

For project-oriented conveyor roller procurement, quality inspection and documentation can be as important as product specifications. Shanghai Eastrise states that its inspection process covers incoming materials, dimensional accuracy, radial runout, rotational resistance, noise, appearance, and pre-shipment requirements. Batch inspection reports are available for overseas project acceptance, while private-label orders can undergo checks covering appearance, dimensions, performance, quantity, and packaging.

The company supports OEM and ODM customization for roller dimensions, shafts, seals, bearings, surface treatment, branding, and packaging. Engineering support takes into account belt width, belt speed, load, trough angle, operating environment, and installation dimensions during product selection and drawing confirmation.

Eastrise also provides export documentation under FOB or CIF terms and coordinates packaging and shipment requirements for overseas orders. Technical consultation, remote support, and warranty-related services are included in its stated after-sales structure.

Relevant standards for conveyor roller procurement

International buyers can reference recognized conveyor and bulk material handling standards when defining roller dimensions, load ratings, testing requirements, and system compatibility. Depending on the application and destination market, relevant ISO, CEMA, DIN, and other applicable industry standards may be considered when preparing technical specifications and acceptance criteria.

Standards should be treated as part of the technical procurement process rather than as a substitute for application analysis. Buyers should confirm the applicable requirements according to belt width, operating conditions, material characteristics, conveyor configuration, and destination-market requirements before placing an order.

Key procurement considerations for project buyers

For international buyers evaluating conveyor roller suppliers, the following factors can help

establish a practical supplier-selection framework:

- Confirm the roller position and function, including carrying, return, impact, self-aligning, or guide applications.
- Match roller dimensions, shaft configuration, bearing selection, and sealing requirements with belt width, operating speed, load, and environmental conditions.
- Review protection against dust, moisture, salt exposure, abrasion, and other factors that may affect bearing and roller performance.
- Request technical drawings and inspection documentation when rollers are integrated into a larger conveyor project.
- Confirm packaging, export documentation, production scheduling, lead time, and delivery requirements before placing an order.
- For customized projects, provide complete installation dimensions and operating conditions so the supplier can recommend an appropriate configuration.

Documented case from a mining contractor

Shanghai Eastrise has documented a mining-contractor project involving impact rollers for a belt conveyor system used to transport ore, crushed stone, and other bulk materials. The contractor sourced approximately 100,000 impact rollers per year over a two-year period for the mining conveyor application.

The project involved continuous material transportation under heavy-load mine conditions, where impact absorption, wear resistance, sealing, and operating stability were important requirements. According to the company-documented case, the supplied rollers supported continuous operation and stable material transportation while maintaining a low failure rate and helping reduce conveyor downtime.

The case demonstrates the importance of matching impact roller construction and protective features with actual loading and operating conditions. For mining procurement teams, roller selection should therefore consider not only dimensions and price but also material impact, dust exposure, bearing protection, sealing, and expected operating cycles.

Closing outlook for international conveyor roller procurement

China's conveyor roller and material handling supply base provides international buyers with a broad range of sourcing options, from specialized idler and roller suppliers to companies providing wider conveyor equipment portfolios. The five companies reviewed here illustrate different approaches to product coverage, application support, customization, engineering coordination, and international procurement.

Shanghai Eastrise combines conveyor roller products with related conveyor components, OEM/ODM services, quality inspection, engineering support, and export coordination. Hebei

Joyroll focuses on conveyor idlers, rollers, brackets, and pulleys; Hubei Xin Aneng covers a wider range of conveyor equipment and bulk material handling components; Dezhou Yilun combines rollers with belts, pulleys, frames, and conveyor systems; and Cangzhou Idler provides conveyor rollers and related components for industrial applications.

For international buyers, the most appropriate supplier will depend on the technical and commercial requirements of each project. Application conditions, product configuration, customization requirements, quality documentation, engineering communication, delivery arrangements, and after-sales support should all be evaluated before a final purchasing decision is made. Direct confirmation of current specifications and commercial terms with the selected supplier remains an important part of the procurement process.

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