



Railwheel
RAILWAY WHEELS & COMPONENTS

INTERNATIONAL RAILWAY COMPONENTS CATALOG

Railway Wheels & Components

Forged railway wheels, train wheels, railroad wheels, railway wheelsets, axles, bogies and rolling stock components for global industrial buyers.

OEM

OEM Manufacturing

EX

Global Supply

www.railwheel.com

Focused Railway Component Supplier



Railwheel supplies railway wheels, train wheels, railroad wheels, wheelsets, axles, bogies and railway spare parts for international buyers.



Railway Wheel Focus

Forged wheels and heavy-duty train wheel supply.



Custom Projects

Support for drawings, samples and technical requirements.



Export Coordination

Packing, documents and shipment planning.



Quality Mindset

Inspection records and traceability discussion.

Why Choose Railwheel



A premium sourcing partner for railway wheel, wheelset, axle, bogie and rolling stock component procurement.

01

Technical Communication

Clear drawing review before quotation.

02

Industrial Network

Manufacturing routes for forged, cast and machined parts.

03

Quality Records

Material certificates and inspection reports on request.

04

Global Service

Direct English support from inquiry to shipment.



WORLDWIDE MARKET

Global Railway Supply

Railwheel supports overseas railway operators, OEMs, maintenance contractors and industrial railway buyers across freight, passenger, metro, mining and port applications.

Freight Wagons

Passenger Coaches

Metro

Locomotives

Industrial Manufacturing Capability



A coordinated manufacturing base for railway forgings, railway castings, machined parts, wheelsets and bogie components.



Forging

Steel forming route for railway wheels and axles.



Machining

CNC finishing for functional interfaces.



Heat Treatment

Process planning for wheel and axle performance.



Assembly

Wheelset and component package coordination.

Capacity for Export Programs



Production planning is organized around drawings, standards, batch size, inspection expectations and global shipping schedule.

01

Batch Supply

Wheels, axles, wheelsets and bogie parts.

02

Multi-product Orders

Grouped supply for rolling stock projects.

03

Packing Readiness

Heavy-duty export packing for long-distance transport.

04

Repeat Orders

Reference records for long-term supply.

MANUFACTURING PROCESS

Forging & Forming

Controlled production connects material preparation, forging, rolling, heat treatment, machining, inspection, packing and shipment.

Material

Forging

Heat Treatment

Inspection

Rolling Process

Wheel rolling and forming operations create the geometry foundation for forged railway wheels, train wheels and railroad wheels.

Wheel Blank

Rolling Mill

Profile Control

Traceability

WORKSHOP

Heat Treatment

Heat treatment planning supports hardness, structure and service performance for steel railway wheels and heavy-duty components.

Furnace

Quenching

Hardness

Records

CNC Machining

Precision machining supports axle seats, bores, interfaces and finished dimensions for wheels, axles and machined railway components.

CNC

Tolerance

Surface

Interface

Inspection & Testing

Inspection activities may include dimensional control, hardness checks, ultrasonic testing, chemical analysis and visual inspection.

UT

Hardness

Dimensions

Reports



Container Loading

Export packing and container loading are planned to protect heavy railway wheels, wheelsets, axles and spare parts during international transport.

Steel Frame

Anti-rust

Labels

Shipment

Railway Wheels

Product Overview

Railway Wheels supplied for rolling stock manufacturers, railway operators, maintenance workshops and industrial buyers requiring dependable railway spare parts.

Technical Features

- Material and dimensional control
- Machined interfaces according to project drawings
- Surface protection for long-distance shipment

Advantages

- Drawing-based confirmation
- OEM and customized manufacturing support
- Export packing and documentation

Applications & Standards

Freight wagons / Passenger coaches / Metro vehicles / Locomotives / Mining and industrial railways

UIC, AAR, EN and customer-specific requirements can be discussed according to drawings and contracts.

Railway Wheelsets

Product Overview

Railway Wheelsets supplied for rolling stock manufacturers, railway operators, maintenance workshops and industrial buyers requiring dependable railway spare parts.

Technical Features

- Material and dimensional control
- Machined interfaces according to project drawings
- Surface protection for long-distance shipment

Advantages

- Drawing-based confirmation
- OEM and customized manufacturing support
- Export packing and documentation

Applications & Standards

Freight wagons / Passenger coaches / Metro vehicles / Locomotives / Mining and industrial railways

UIC, AAR, EN and customer-specific requirements can be discussed according to drawings and contracts.

Railway Axles

Product Overview

Railway Axles supplied for rolling stock manufacturers, railway operators, maintenance workshops and industrial buyers requiring dependable railway spare parts.

Technical Features

- Material and dimensional control
- Machined interfaces according to project drawings
- Surface protection for long-distance shipment

Advantages

- Drawing-based confirmation
- OEM and customized manufacturing support
- Export packing and documentation

Applications & Standards

Freight wagons / Passenger coaches / Metro vehicles / Locomotives / Mining and industrial railways

UIC, AAR, EN and customer-specific requirements can be discussed according to drawings and contracts.

Railway Bogies

Product Overview

Railway Bogies supplied for rolling stock manufacturers, railway operators, maintenance workshops and industrial buyers requiring dependable railway spare parts.

Technical Features

- Material and dimensional control
- Machined interfaces according to project drawings
- Surface protection for long-distance shipment

Advantages

- Drawing-based confirmation
- OEM and customized manufacturing support
- Export packing and documentation

Applications & Standards

Freight wagons / Passenger coaches / Metro vehicles / Locomotives / Mining and industrial railways

UIC, AAR, EN and customer-specific requirements can be discussed according to drawings and contracts.

Side Frames



Product Overview

Side Frames supplied for rolling stock manufacturers, railway operators, maintenance workshops and industrial buyers requiring dependable railway spare parts.

Technical Features

- Material and dimensional control
- Machined interfaces according to project drawings
- Surface protection for long-distance shipment

Advantages

- Drawing-based confirmation
- OEM and customized manufacturing support
- Export packing and documentation

Applications & Standards

Freight wagons / Passenger coaches / Metro vehicles / Locomotives / Mining and industrial railways

UIC, AAR, EN and customer-specific requirements can be discussed according to drawings and contracts.

Bolsters



Product Overview

Bolsters supplied for rolling stock manufacturers, railway operators, maintenance workshops and industrial buyers requiring dependable railway spare parts.

Technical Features

- Material and dimensional control
- Machined interfaces according to project drawings
- Surface protection for long-distance shipment

Advantages

- Drawing-based confirmation
- OEM and customized manufacturing support
- Export packing and documentation

Applications & Standards

Freight wagons / Passenger coaches / Metro vehicles / Locomotives / Mining and industrial railways

UIC, AAR, EN and customer-specific requirements can be discussed according to drawings and contracts.

Bearing Housing

Product Overview

Bearing Housing supplied for rolling stock manufacturers, railway operators, maintenance workshops and industrial buyers requiring dependable railway spare parts.

Technical Features

- Material and dimensional control
- Machined interfaces according to project drawings
- Surface protection for long-distance shipment

Advantages

- Drawing-based confirmation
- OEM and customized manufacturing support
- Export packing and documentation

Applications & Standards

Freight wagons / Passenger coaches / Metro vehicles / Locomotives / Mining and industrial railways

UIC, AAR, EN and customer-specific requirements can be discussed according to drawings and contracts.

Brake Disc

Product Overview

Brake Disc supplied for rolling stock manufacturers, railway operators, maintenance workshops and industrial buyers requiring dependable railway spare parts.

Technical Features

- Material and dimensional control
- Machined interfaces according to project drawings
- Surface protection for long-distance shipment

Advantages

- Drawing-based confirmation
- OEM and customized manufacturing support
- Export packing and documentation

Applications & Standards

Freight wagons / Passenger coaches / Metro vehicles / Locomotives / Mining and industrial railways

UIC, AAR, EN and customer-specific requirements can be discussed according to drawings and contracts.

Coupler



Product Overview

Coupler supplied for rolling stock manufacturers, railway operators, maintenance workshops and industrial buyers requiring dependable railway spare parts.

Technical Features

- Material and dimensional control
- Machined interfaces according to project drawings
- Surface protection for long-distance shipment

Advantages

- Drawing-based confirmation
- OEM and customized manufacturing support
- Export packing and documentation

Applications & Standards

Freight wagons / Passenger coaches / Metro vehicles / Locomotives / Mining and industrial railways

UIC, AAR, EN and customer-specific requirements can be discussed according to drawings and contracts.

Railway Fasteners



Product Overview

Railway Fasteners supplied for rolling stock manufacturers, railway operators, maintenance workshops and industrial buyers requiring dependable railway spare parts.

Technical Features

- Material and dimensional control
- Machined interfaces according to project drawings
- Surface protection for long-distance shipment

Advantages

- Drawing-based confirmation
- OEM and customized manufacturing support
- Export packing and documentation

Applications & Standards

Freight wagons / Passenger coaches / Metro vehicles / Locomotives / Mining and industrial railways

UIC, AAR, EN and customer-specific requirements can be discussed according to drawings and contracts.

Railway Forgings



Product Overview

Railway Forgings supplied for rolling stock manufacturers, railway operators, maintenance workshops and industrial buyers requiring dependable railway spare parts.

Technical Features

- Material and dimensional control
- Machined interfaces according to project drawings
- Surface protection for long-distance shipment

Advantages

- Drawing-based confirmation
- OEM and customized manufacturing support
- Export packing and documentation

Applications & Standards

Freight wagons / Passenger coaches / Metro vehicles / Locomotives / Mining and industrial railways

UIC, AAR, EN and customer-specific requirements can be discussed according to drawings and contracts.

Railway Castings



Product Overview

Railway Castings supplied for rolling stock manufacturers, railway operators, maintenance workshops and industrial buyers requiring dependable railway spare parts.

Technical Features

- Material and dimensional control
- Machined interfaces according to project drawings
- Surface protection for long-distance shipment

Advantages

- Drawing-based confirmation
- OEM and customized manufacturing support
- Export packing and documentation

Applications & Standards

Freight wagons / Passenger coaches / Metro vehicles / Locomotives / Mining and industrial railways

UIC, AAR, EN and customer-specific requirements can be discussed according to drawings and contracts.

Freight Wagon Parts

Product Overview

Freight Wagon Parts supplied for rolling stock manufacturers, railway operators, maintenance workshops and industrial buyers requiring dependable railway spare parts.

Technical Features

- Material and dimensional control
- Machined interfaces according to project drawings
- Surface protection for long-distance shipment

Advantages

- Drawing-based confirmation
- OEM and customized manufacturing support
- Export packing and documentation

Applications & Standards

Freight wagons / Passenger coaches / Metro vehicles / Locomotives / Mining and industrial railways

UIC, AAR, EN and customer-specific requirements can be discussed according to drawings and contracts.

Passenger Coach Parts

Product Overview

Passenger Coach Parts supplied for rolling stock manufacturers, railway operators, maintenance workshops and industrial buyers requiring dependable railway spare parts.

Technical Features

- Material and dimensional control
- Machined interfaces according to project drawings
- Surface protection for long-distance shipment

Advantages

- Drawing-based confirmation
- OEM and customized manufacturing support
- Export packing and documentation

Applications & Standards

Freight wagons / Passenger coaches / Metro vehicles / Locomotives / Mining and industrial railways

UIC, AAR, EN and customer-specific requirements can be discussed according to drawings and contracts.

Metro Components



Product Overview

Metro Components supplied for rolling stock manufacturers, railway operators, maintenance workshops and industrial buyers requiring dependable railway spare parts.

Technical Features

- Material and dimensional control
- Machined interfaces according to project drawings
- Surface protection for long-distance shipment

Advantages

- Drawing-based confirmation
- OEM and customized manufacturing support
- Export packing and documentation

Applications & Standards

Freight wagons / Passenger coaches / Metro vehicles / Locomotives / Mining and industrial railways

UIC, AAR, EN and customer-specific requirements can be discussed according to drawings and contracts.

Locomotive Parts

Product Overview

Locomotive Parts supplied for rolling stock manufacturers, railway operators, maintenance workshops and industrial buyers requiring dependable railway spare parts.

Technical Features

- Material and dimensional control
- Machined interfaces according to project drawings
- Surface protection for long-distance shipment

Advantages

- Drawing-based confirmation
- OEM and customized manufacturing support
- Export packing and documentation

Applications & Standards

Freight wagons / Passenger coaches / Metro vehicles / Locomotives / Mining and industrial railways

UIC, AAR, EN and customer-specific requirements can be discussed according to drawings and contracts.

Custom Railway Component Programs



Railwheel supports OEM manufacturing for railway wheel, train wheel, wheelset, axle, bogie and spare part projects based on drawings and technical requirements.



Drawing Review

Confirm material, geometry, tolerance and inspection scope.



Standards

Discuss UIC, AAR, EN and customer specifications.



Inspection Plan

Prepare practical records for buyer review.



Export Package

Packing, marking, photos and shipment documents.

UIC, AAR, EN & Customer Specifications



International railway buyers often combine public standards with project drawings and contract acceptance requirements.



UIC References

International railway terminology and practices.



AAR Requirements

North American railroad wheel and component context.



European Standards

Wheel, axle and wheelset project references.



Customer Drawings

Final acceptance follows buyer documentation.

Steel, Forging & Casting Control



Material selection is matched to axle load, speed, route profile, operating environment and inspection requirements.



Steel Selection

Material grade aligned with application.



Forged Parts

Railway wheels, train wheels and axles.



Cast Parts

Side frames, bolsters and bogie components.



Surface Protection

Anti-rust and coating options.

Testing & Documentation



Industrial buyers can request inspection documentation for material, dimensions, surface condition and packing release.



Ultrasonic Testing

Internal integrity checks where required.



Hardness Testing

Heat treatment and rim condition review.



Dimension Inspection

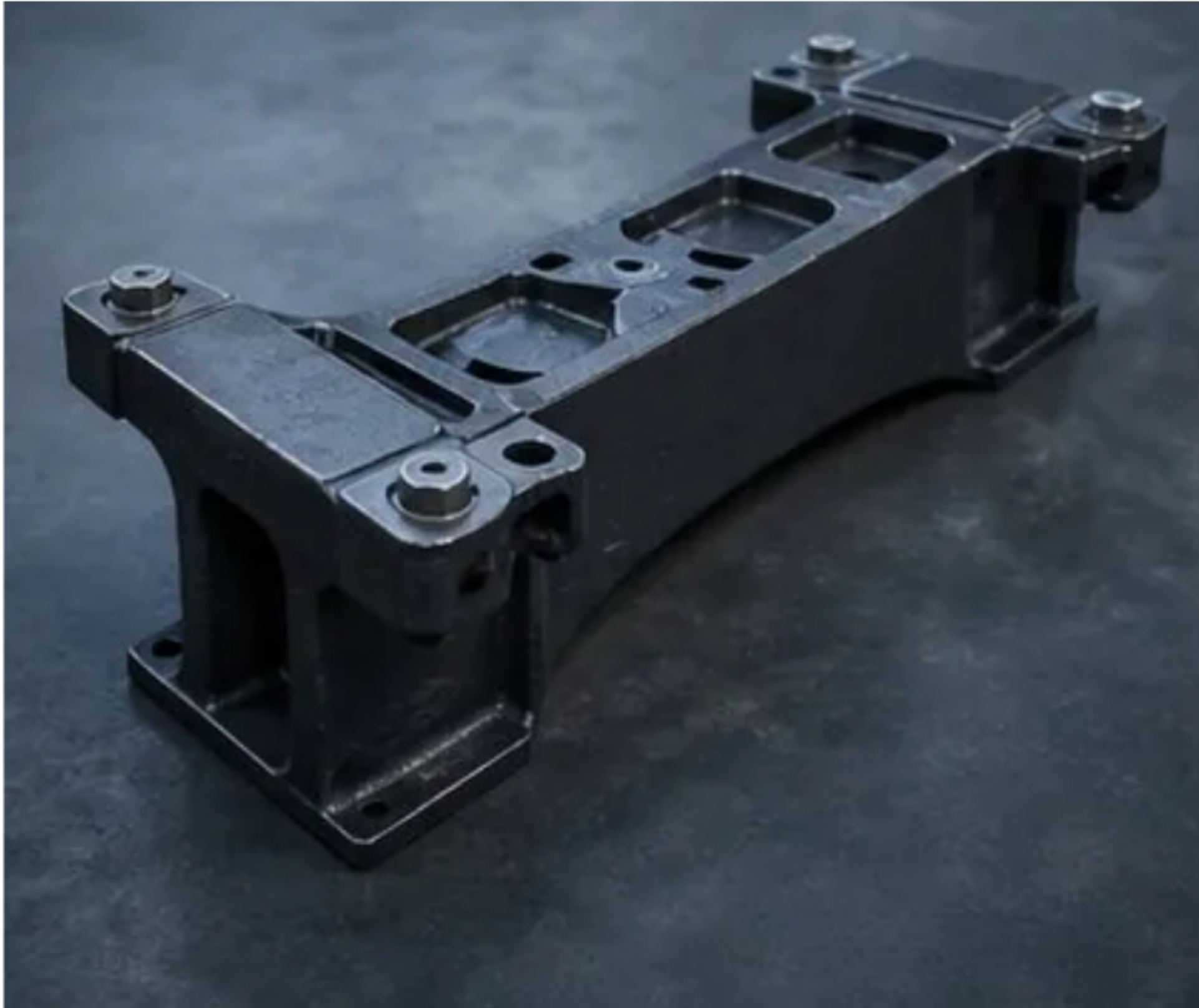
Critical interface and tolerance confirmation.



Reports

Document package according to buyer needs.

Heavy-duty Export Packing



Railway wheels, wheelsets, axles and bogie parts require stable packing, anti-rust protection, labels and lifting considerations.



Steel Frames

For heavy wheels, axles and assemblies.



Cases

Wooden cases for machined spare parts.



Anti-rust

Protection for ocean freight and storage.



Packing Photos

Visual records before shipment.

International Delivery Support



Railwheel coordinates shipment discussion for sea freight, port delivery, package size, weight and document preparation.



Sea Freight

Container shipment for global buyers.



Truck Transfer

Domestic logistics and port delivery.



Documents

Invoice, packing list and shipment data.



Schedule

Delivery planning aligned with inspection.

Mining Railway Wheel Supply



Heavy-duty wheel and wheelset support for harsh industrial railway conditions.

Country	Overseas mining market
Products	Heavy haul railway wheels, axles and wheelsets
Industry	Mining railway
Application	Ore wagons and maintenance replacement
Delivery	Export packed by batch
Result	Stronger procurement visibility and repeat inquiry basis

Port Railway & Crane Wheel Project



Railway wheel and crane wheel sourcing for port logistics and industrial transport.

Country	International port market
Products	Port railway wheels, crane wheels and spare parts
Industry	Port and logistics
Application	Container terminal rail movement
Delivery	Container loading with packing photos
Result	Consolidated shipment of heavy rail components

Railway Wheelset Project Review



Technical coordination before quotation improves drawing accuracy and delivery planning.

Country

Global OEM buyer

Products

Railway wheelsets, train wheels and axles

Industry

Rolling stock manufacturing

Application

OEM and maintenance supply

Delivery

Drawing-based production schedule

Result

Clear technical scope before purchase order

Factory Visit & Technical Meetings



Customer visits help international buyers review production flow, quality expectations, packing plans and long-term railway component supply programs.



Engineering Discussion

Review drawings, standards and applications.



Workshop Visit

Confirm manufacturing and inspection flow.



Quality Review

Discuss test records and document scope.



Supply Planning

Coordinate repeat order and delivery schedule.

Application Review with Buyers



Railwheel supports product selection for freight wagon, passenger coach, metro, locomotive, mining and industrial railway applications.



Freight Applications

Wheels, wheelsets and bogie components.



Metro Applications

Passenger railway wheel and axle projects.



Industrial Rail

Mining, port and steel plant rail systems.



Custom Supply

Drawing-based railway spare parts.

Quality Certificates & Compliance



Certificate pages support buyer approval, internal project review and export release for railway wheels and rolling stock components.



Material Certificates

Heat number, grade and traceability details.



Inspection Reports

Dimensional, visual and test records.



Standard References

UIC, AAR, EN and customer specifications.



Export Documents

Packing, labels and shipment records.

Buyer FAQ and After-sales Support



Railwheel keeps communication practical: send drawings, standards, quantity and destination to receive focused technical feedback and quotation.

Q1

Can you customize?

Yes, based on drawings, samples or standards.

Q2

What products?

Railway wheels, wheelsets, axles, bogies and spare parts.

Q3

What documents?

Material certificates and inspection records as required.

Q4

How to quote?

Send drawing, quantity, application and destination.



Build Your Next Railway Component Supply Program

Send drawings, standards, quantities and destination to receive a focused quotation for railway wheels, train wheels, railroad wheels, wheelsets, axles, bogies and rolling stock components.

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