

Driving the Nation towards Sustainable Progress



OUR LEGACY **DEFINES US**

Starting with a small pneumatic forging and fabrication unit in Howrah in 1964 to meet the local demand for engineering products, Lalbaba has transformed into an engineering conglomerate, supplying a wide range of engineering products to various sectors such as Indian Railways, Automobile, Power, Oil & Gas and more. Today, we have a global presence in over 20 countries and are recognized for our commitment to quality and reliability.

Under the guidance of Mr. Kishan Dhanuka (Managing Director), the group has flourished and has three manufacturing plants and a project unit-Lalbaba Seamless Tubes, Lalbaba Industrial Corporation, PEW Engineering and Lalbaba Projects. Over the years, Lalbaba group has become an integral part of the rail freight industry's supply chain and today the group proudly claims to have contributed to every wagon in the Indian Railway's fleet.

OUR **JOURNEY**

<div>1964</div> <div>Lalbaba Industrial Corporation commenced operations at Belur, West Bengal.</div>	<div>1972</div> <div>Entered the Railway market as a supplier of rolling stock products.</div>	<div>1991</div> <div>PEW Engineering commenced operations for supplying Air Brake components to Indian Railways.</div>
<div>2002</div> <div>Set up a manufacturing unit for Cold Rolled formed sections for the Railways.</div>	<div>2009</div> <div>Lalbaba Seamless Tubes was established in Haldia, West Bengal, as the first unit of its kind for Carbon and alloy Steel Seamless pipes.</div>	<div>2018</div> <div>Lalbaba Projects was established as a separate unit to provide on-site services for Railway Rolling Stock.</div>
<div>2021</div> <div>Started manufacturing Stainless Steel Seamless Pipes and Tubes.</div>	<div>2022</div> <div>Established manufacturing presence through acquisition in Ahmednagar, Maharastra.</div>	<div>Today</div> <div>The largest producer of Cold Drawn Seamless Tubes in India.</div>

Lalbaba
Seamless
Tube



Lalbaba Seamless Tubes is India's largest manufacturer of Cold-Drawn Seamless Tubes, with an annual capacity of 72,000 Metric Tons. With a strong presence in Eastern and Western India, the tubes are known for their trusted quality and reliability. They are widely used in Railways, Oil and gas, Automobiles, Hydraulics, Boilers, and Power Plants.

Lalbaba
Industrial
Corporation



Lalbaba Industrial Corporation is a dedicated forging unit in Uluberia, which can produce forgings upto 40Kg. It has a precision die-making facility and CNC machining centers. The corporation has a proven track record as a reliable supplier of critical forgings to the Indian Railways, Defense sector, steel plants and exports.

PEW
Engineering



PEW Engineering, based in Howrah and Haldia, manufactures essential components for Air Brake systems, including slack adjusters, brake cylinders, reservoirs and Check valves. The company has been a prominent supplier to Indian Railways and wagon- builders for over 6 decades, ensuring quality and reliability.

Lalbaba
Projects



Lalbaba Projects is a specialized unit that offers turnkey solution to the Railways for all issues related to Freight wagons and Passenger coaches. This unit has already undertaken the work of upgrading the Air Brake system on more than 100,000 Freight wagons and rehabilitation of 200 Passenger Coaches.

CERTIFICATIONS



RAILWAY EXPORT

Our Group has been a prominent supplier to all the Wagon manufacturers and Indian Railways (IR) for various Freight wagon components, Air Brakes as well as Bogie suspension items for the Passenger coaches for more than six decades. We have also been collaborating with various units of IR as well as with Private sector for onsite support to them for Air brake system upgrades as well as for Freight wagon and Passenger coach rehabilitation works.

Going further, we aim to extend our expertise for Roll- ing stock repairs and best maintenance practices to the Export markets with our dedicated team of experienced and qualified Engineers and designers. With the back-up of our in-house manufacture of critical components required for Rolling stock rehabilitation, upgradation and maintenance, we are confident of delivering excellence while adhering to the international standards and quality norms.

ROLLING STOCK UPGRADATION & REHAB PROJECTS

FREIGHT WAGONS

- The group has already completed contracts awarded by the Indian Railways to upgrade the Air Brake system on over 1,20,000 Freight wagons.
- The work consists of complete supply and commissioning of the Air Brake system at the customer's premises with 24x7 logistics and technical support.
- We are conducting complete rehabilitation of freight wagons in various railway workshops and yards.
- The group provides "End-to-End" solutions to Container Train Operators (CTO) and private sector wagon owners to upgrade their wagon fleet according to their requirements.
- We provide on-site maintenance schedule for freight wagons for Indian Railways.

PASSENGER COACHES

- The Group has also established its presence in passenger coach furnishing and refurbishment work with Indian Railways.
- The work carried out includes the interior furnishing work at the Coach factories in Chennai, Kapurthala and Raebareli for Air-Conditioned Coaches.
- Corrosion repairs including Furnishing, Rehabilitation and Interior work on different makes of Coaches in Zonal Workshops.
- Conversion of ICF Coaches to Accident Relief Train/ Medical Vans and Vehicle Carrier (NMG & NMGS) Coaches.
- We have capabilities of manufacturing Interior panels and other furnishing materials in collaboration with reputed Indian companies.

COACHES



Before

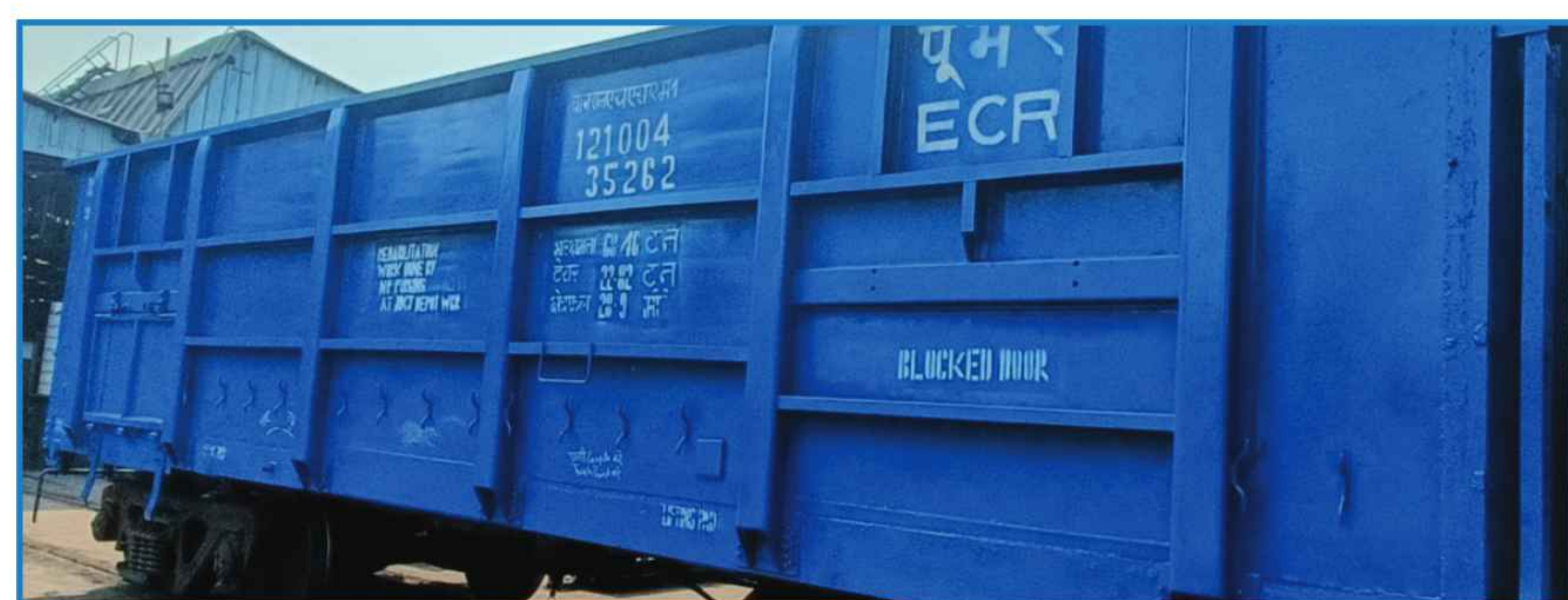


After

WAGONS



Before



After

OUR TEAM



PRODUCTS FOR RAILWAY ROLLING STOCK

01 | FREIGHT STOCK COMPONENTS



1.1 Air Brake Pipes

	Carbon Steel Seamless	Stainless Steel Seamless
	IS: 1239 (PART 1) / Heavy -2004/ ASTM A 106	ASTM A312 Schedule 40S GR – TP 304*
OD	26.7 – 42.9 mm	26.7 – 42.9 mm
ID	20.0 – 32.0 mm	20.0 – 32.0 mm
WT	2.9 – 4.0 mm	2.9 – 4.0 mm

*Now replaced by BIS specification IS 17875: 2022 for Indian Railways and other industries in India.

1.2 Slack Adjuster

We manufacture Slack Adjusters type IRSA 600 and IRSA 750 type as per Indian Railway specification. We also manufacture DRV 2A 600 and DRV 2A 450 Slack Adjuster with 4 star rolled threads for the export markets of Africa and Southeast Asia.



1.3 Core Forgings

CBC Coupler Forging Components

- Knuckle Thrower
- Lock Lift Lever Hook
- Connector
- Toggle
- Knuckle

Draft Gear Forgings

- Top Follower
- Wedge
- Shoe

BOXNHLMBS Wagon (Open Type)

- Towing Hook
- Retaining Ring
- Door Hinge

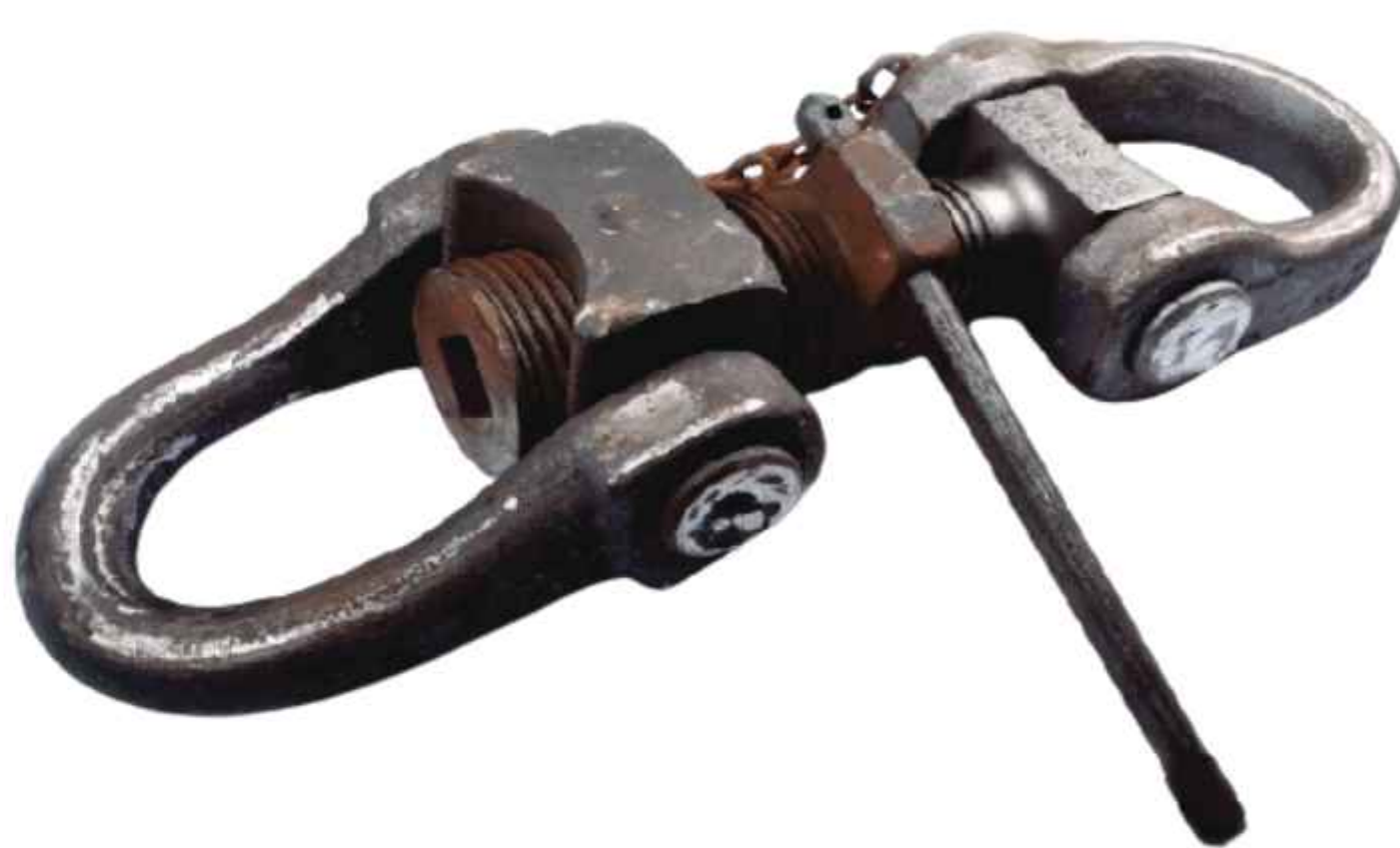
BOBRN / Gondola Wagon

- Lever Central
- Lever X end
- Hopper Door Pinion
- Bevel Wheel for BOBYN Wagon

Container Forgings

- Cam
- Keeper
- Handle
- Hinge

Screw Coupling

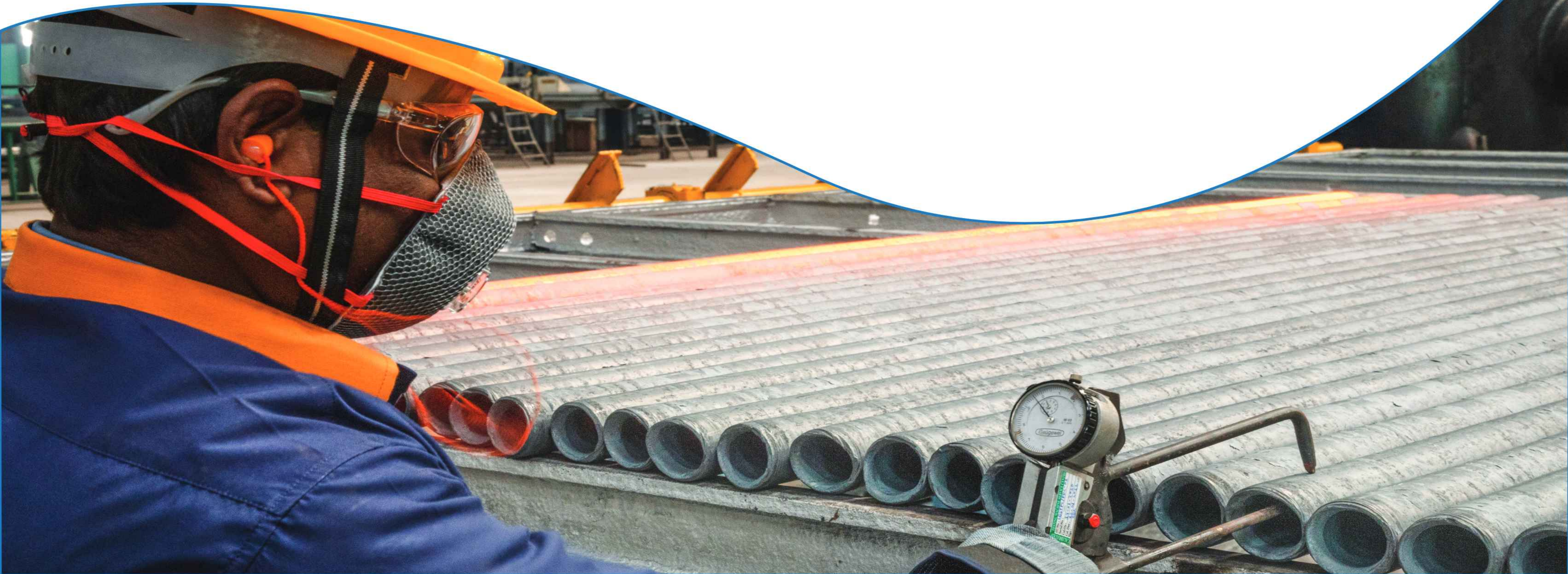


1.4 Schaku (Scharfenberg) Coupler for Metro Railways



1.5 Air Brake Components

- Air Reservoir
- Empty Load Device
- Air Brake Cylinder
- Cut-off Angle Cock
- Auxiliary Reservoir
- Centrifugal Dirt Collector
- Brake Cylinder with Integral Slack Adjuster
- Isolating Cock
- Drain Cock
- Check Valve



2.1 Air Brake Pipes

Air Brake Pipes – Coaches		Air Brake Pipes – Locomotive
Grade	ASTM A312 Schedule 40S GR – TP 304* ASTM- A269 and DIN-2391	ASTM A 269*
OD	18.0 – 48.3 mm	25.4 mm
WT	2.0 – 3.7 mm	2.1 mm

*Now replaced by BIS specification IS 17875: 2022 for Indian Railways and other industries in India.

2.2 Double Ferrule Fittings

There are mainly 5 sizes of Pipe used in Coaches i.e., 1", ½", ¾", 25mm and 28mm. For each size Front Ferrule, Back Ferrule and Nuts dimensions are different.

Parts Name	Material Grade
Body Parts	ASTM A479 TP 304 (Bar Stock) ASTM A182 F304 (Forging)
Ferrule (Back & Front) and Nut	ASTM A479 TP 304 (Bar Stock) ASTM A182 F304 (Forging)



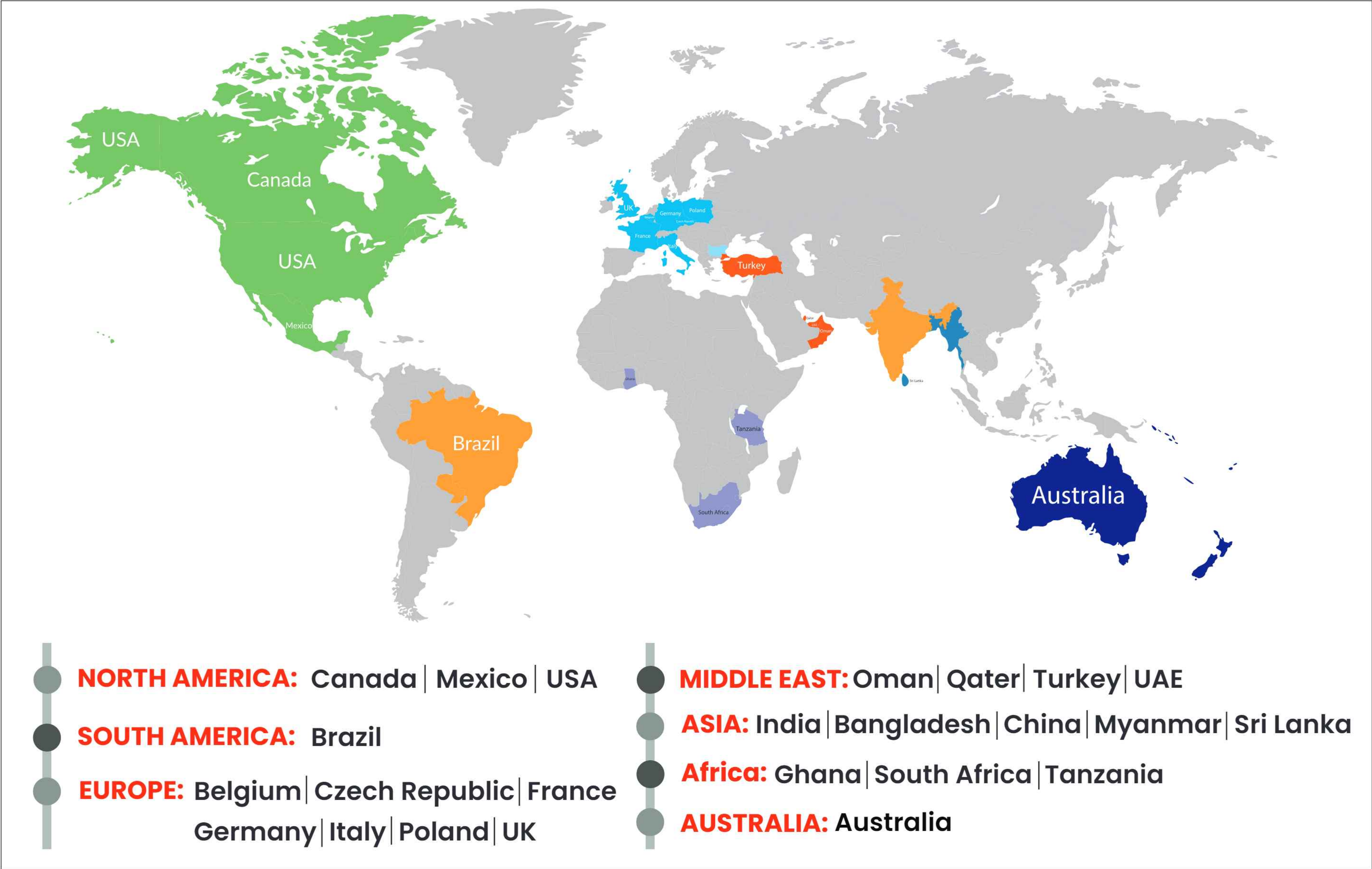
2.3 Forging Components

- Enhanced Capacity Screw Coupling
 - Hanger for Bogie Bolster Suspension
 - Hanger Block for Bolster Suspension
 - Swinging Link with Nut
- Anchor Link
 - Rubber Spring Cantering
 - Center Pivot Assembly
- Yaw Damper Bracket
 - Roll Link
 - Brake Block Hanger

Our Clients



OUR GLOBAL FOOTPRINT



Lalbaba
Engineering Group

Corporate Office: 27 Shakespeare Sarani, 3rd Floor. Kolkata 700017

Gurgaon Unit: Level 6, Wing B, Two Horizon Center, Golf Course Road, DLF 5, Sector 43, Gurgaon 122002, Haryana, India

HALDIA UNIT

Kashberia, Bardhanyaghata, Midnapore (E)
Haldia : 721 657, WB

ULUBERIA UNIT

Vill-Polora, Mahisrekha, Uluberia,
Howrah - 711303, WB

GHUSURI UNIT

40/107, Joy Bibi Road
Ghusuri,
Howrah - 711107, WB

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