

RINE GROUP OF INDUSTRIES



UNISON OF LEGACY AND INNOVATION

A LEGACY OF THREE GENERATIONS

The legacy of Rine Group of Industries was **established in 1978, by Late Shri KG Goyal** with a vision to develop and supply components for the Indian Railway and Automobile Industry. Mr. Goyal was amongst the pioneers in developing highly critical components like Couplers, Knuckle, Yoke, Axle Box, Control Arm, Centre Pivot, etc.

With continuous innovation and infrastructural improvement, the group soon emerged to be one of the largest manufacturers of high strength alloy steel casting for Indian Railways.

2004 Diversifying the group, a world class **electrical and fabrication unit** was **established by Jai Goyal, son of KG Goyal, in 2004** to make electro mechanical products for Indian Railways. With the unit being equipped with the latest machinery and technology, components like Traction Motor Blower, Suspension tube, Alternators, Switch Board Cabinets, Oil Cooling Units were developed and supplied from here.

2010 To enhance the capacity, Jai Multi Engineering - A state of the art foundry was set up in 2010 in the state of Punjab, India with a capacity to produce 1000MT of finished casting monthly.

Today Today, Rine group of Industries stands as one of the leading suppliers to the **Indian Railways** with a **relationship of over 35 years.**



OUR CORE COMPETENCIES

COUPLING SYSTEMS & PARTS



Connects adjacent coaches and wagons in a train formation, transmitting tractive and buffing forces during acceleration, braking, and shunting. Rine Group manufactures the complete CBC assembly — coupler body, knuckle, yoke, and lock — in RDSO-approved high-strength alloy steel.

1M+

Supplied

30+

years in Operation



Coupler Body

Main structural component that houses and supports all other parts.



Yoke

Connects the coupler body to the drawgear of the vehicle.



Knuckle

Engages with the opposing coupler to transmit tractive and buffing forces.



AXLE BOX HOUSING

Houses the cartridge tapered roller bearing on each wheelset axle, transmitting the vehicle's weight to the wheels while allowing axle rotation. It is supplied to both Railway Coaches and Metro Railways

200K 30+

Supplied years in Operation



CENTRE PIVOT



300K 25+

Supplied years in Operation

The structural pivot point between the wagon underframe and the bogie, transferring vertical load while allowing the bogie to swivel freely through curves. Precision cast and machined to RDSO specification for freight wagons and coaching stock across all gauge types.

OIL COOLING UNIT

5K

Supplied

7+

years in Operation

Circulates and cools the lubricating oil of the traction motor, maintaining safe operating temperatures during continuous heavy-haul and high-speed service on diesel locomotives.



OTHER PRODUCT LINE



SUSPENSION TUBE

Supports and nose-suspends the traction motor from the bogie frame, reducing shock and vibration during operation.



CONTROL ARM

Connects the bogie frame to the coach body, transmitting traction and braking forces while allowing controlled vertical and lateral movement.

ALTERNATORS

Brushless alternators that generate reliable electrical power for lighting, fans, and battery charging in railway coaches.



BUFFER PLUNGER

Sliding buffer component that absorbs impact energy during coupling, shunting, and normal railway operations.

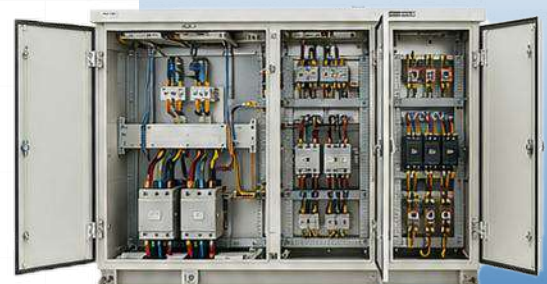
CAST IRON PULLEYS

High-strength pulleys that transmit engine or axle power to alternators for dependable onboard power generation.



SWITCH BOARD CABINETS

High-strength pulleys that transmit engine or axle power to alternators for dependable onboard power generation.



THE RINE

ADVANTAGE



A LONG & TRUSTFUL RELATIONSHIP IN
COLLABORATION WITH INDIAN RAILWAYS



LONG-TERM
ASSOCIATION



PROVEN ENGINEERING
EXCELLENCE



RAILWAY APPROVED
MANUFACTURING



RELIABLE QUALITY
STANDARDS

OUR JOURNEY OF GROWTH & TRUST



STRONG ENGINEERING INFRASTRUCTURE

We have in-house capability to produce critical castings with weight varying from

20 kgs to 400 kgs

Moulding Infrastructure



SHELL CORE
SHOOTERS



HI PRESSURE MOULDING
LINES By Rhino



NO BAKE MOULDING LINES
By Omega Sinto

Melting Infrastructure



ARC
FURNACES



INDUCTION
FURNACES

Heat Infrastructure



HEAT
TREATMENTS



QUENCHING
TANK

PRECISION MACHINING FACILITY

State of the art machining facility equipped with advanced CNC and conventional machines to ensure precision and accuracy.

CNC HMC 4-AXIS



Capacity

1000 x 800 x 800 mm

VTL MACHINE



Turning Dia

800mm

LASER CUTTING MACHINE



Working Area

3000 x 1500mm

CNC BORING MACHINE



Capacity

1800 x 1500 x 1400 mm

CORE TEAM

400+
WORKFORCE

of engineers and contractors equipped with knowledge of their respective fields and with decades of experience working with us.



YEARS OF QUALITY ASSURANCE

Well Equipped Stringent Quality standards as per ISO is followed at every stage to ensure complete quality and traceability of the product.

Infrastructure including **CMM 3 Axis machine, In-House MPI testing, Radiography testing, Microstructure testing machines, Spectrometer, Tensile testing, Vicker Hardness Machine, Brinell hardness testing, Impact testing machine**, along with necessary engineering equipments for manufacturing our products.



CERTIFICATION



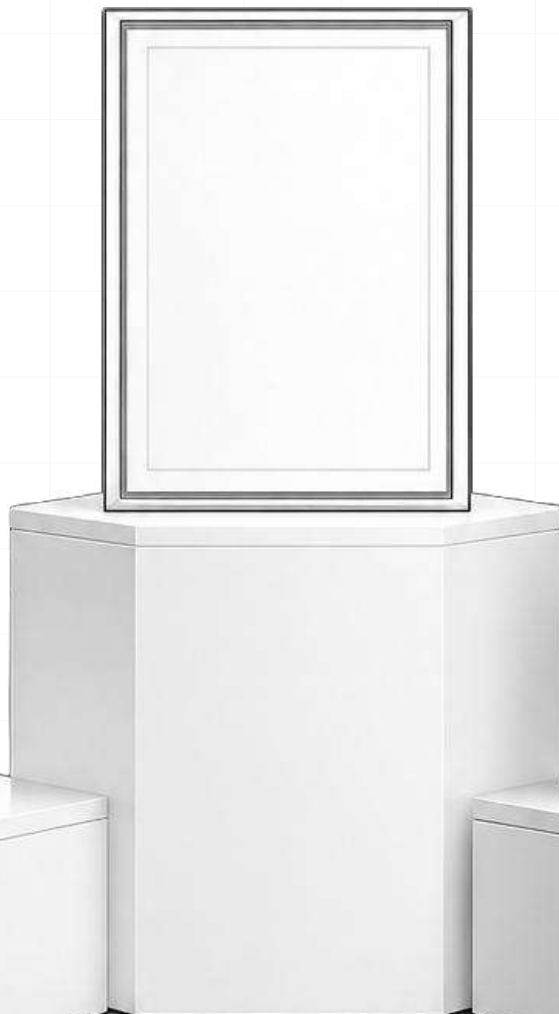
**JAI MULTI
ENGINEERING CO.**
ISO 9001:2015

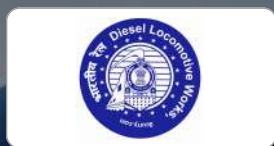


P. D. STEELS
ISO 9001:2015

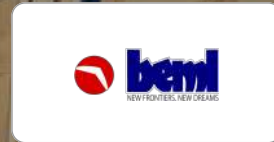


**JAI MULTI CLASS A
FOUNDRY**
ISO 9001:2015





Our Valuable Clients





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