

2021



Quality we believe,
Safety we pledge.

Complete Body
Shell Fabrication

Complete Turnkey
Interior Fabrication



Passenger Coaches



Locomotives



Metro Coaches



RailTech

G R O U P

COMPANY PROFILE



ABOUT US

Started manufacturing sheet/metal fabricated components for passenger coaches for the Indian Railways in 1990

Today after 28 successful years, RailTech has diversified from its core metal fabricated components into a group of companies, with a portfolio of more than 400+ components from all types of ferrous and non-ferrous metals. RailTech remains the only organisations in the country to offer such a vast range of products spanning through modular Body/Shell Fabrications, Interior Furnishing Fabrications and Electrical Fabrications for Passenger Coaches, Locomotives and Metro Coaches.

30+ Years
of experience

400+
components

16 Acres
of facility area

400K sq ft
total production
covered area

SAP ERP
implementation
across the group

OUR VISION

At RailTech, our vision remains to continue being the leader in the rail industry through enhancements in technology and infrastructure. Furthermore, we would tirelessly work towards offering a turn-key solution which can provide a complete Body Shell with furnished interiors, matched with International standards in Passenger Safety and comfort.

PRODUCTS & SERVICES

The Group continues to lead the way with innovative design enhancements for railway components in a demanding and competitive environment.



Body Shell Components

Complete Body Shell fabrication for Tower Coach, Electric Locomotives and LHB Coaches



Furnishing Interiors

Turn-key solutions for in-house as well as at-site
Complete Interior Furnishing of Passenger Coaches



Electrical Components

Solutions for Complete electrification (Cable Harnessing to Power Panels, Switch Board Cabinets and Lighting systems) of Passenger Coaches



Maintenance Services

Employing skilled workforce to completely furnish passenger coaches and offers Maintenance contracts, offering turn-key and end-to-end solutions for the Indian Railways.



BODY SHELL COMPONENTS

Complete Body Shell fabrication for
Tower Coach, Electric Locomotives
and LHB Coaches

In-house facilities for manufacturing complete shell assemblies for Tower Coach, Electric Locomotives and LHB Coaches. Our facilities are equipped with state of the art equipment for such modulus fabrications.

Laser Profile Cutting, Plasma Profile Cutting, Robotic Welding, Laser Welding, Spot Welding Lines, Cold Rolled Forming, Double Column VMC's, Stretch Profile Bending, Hydraulic and Power Presses.

Body Shell Assembly



Body Shell for Electric Locomotives



Side Wall Assembly



Roof Assembly



Under Frame Assembly



Bogie Assembly



Nose Cone



Front Part Assembly



End Wall Assembly



Carline Assembly

Roof Element Assembly

Door Cutout Assembly

Water Tank Ceiling Construction



FURNISHING INTERIOR COMPONENTS

Turn-key solutions for in-house, as well as at-site Complete Interior Furnishing of Passenger Coaches

RailTech manufacturers/supplies almost 80% components required for furnishing of passenger coaches. Moreover, we offer Turn-key solutions for in-house, as well as at-site Complete Interior furnishing for Passenger Coaches. In lieu of servicing such a varied profile of components, our facilities are equipped with advanced in-house machinery including, Laser Profile Cutting Machines, Profile Bending Machines, VMC's, HMC's, Router Machines, Powder Coating Plant, Anodizing Plant along with Advanced Tubular Fabrication Equipment.

Luggage Rack Assemblies	Underframe Pipe Mounting	Panels (Roof / Side Wall)
Pillar Assemblies	Bio-toilets	Roof Ventilator
Hand Hold And Support	Luggage Rack Modules	Aluminium Extruded Profiles
Hand Rail Assemblies	Honeycomb Partition Frames	Air Grill
Partition Frames	Windows (Sealed Units)	Flexible Ducting
Water Tank Assembly	Doors (Cabin/coach)	Air Ducts



ELECTRICAL COMPONENTS

Solutions for Complete electrification
of Passenger Coaches

Cable Harnessing to Power Panels, Switch Board Cabinets and Lighting systems, RailTech offers complete electrification solutions for Passenger Coaches along with complete installation of electrical equipment inside the coach

Vacuum Toilet Systems

Cable/Wire Harness

Cable Protection Systems

Switch Board Cabinet

Power Panels

Jumper Cables

Feeder Junction Box

The background image shows a vast industrial workshop, likely a railway coach manufacturing plant. It features high ceilings with prominent yellow overhead cranes. The floor is cluttered with various metal components, including large rectangular frames and pipes. Two workers in dark clothing and hard hats are visible in the middle ground, one bent over and the other standing. The entire image is partially covered by a blue diagonal overlay on the left side, which serves as a background for the text.

SERVICES

Services rendered to complement
the product portfolio

RailTech employees skilled workforce to completely furnish passenger coaches and also offers Maintenance contracts, offering turn-key and end-to-end solutions, ensuring one-stop hassle free operations for the Indian Railways.

Furnishing Of Passenger Coaches

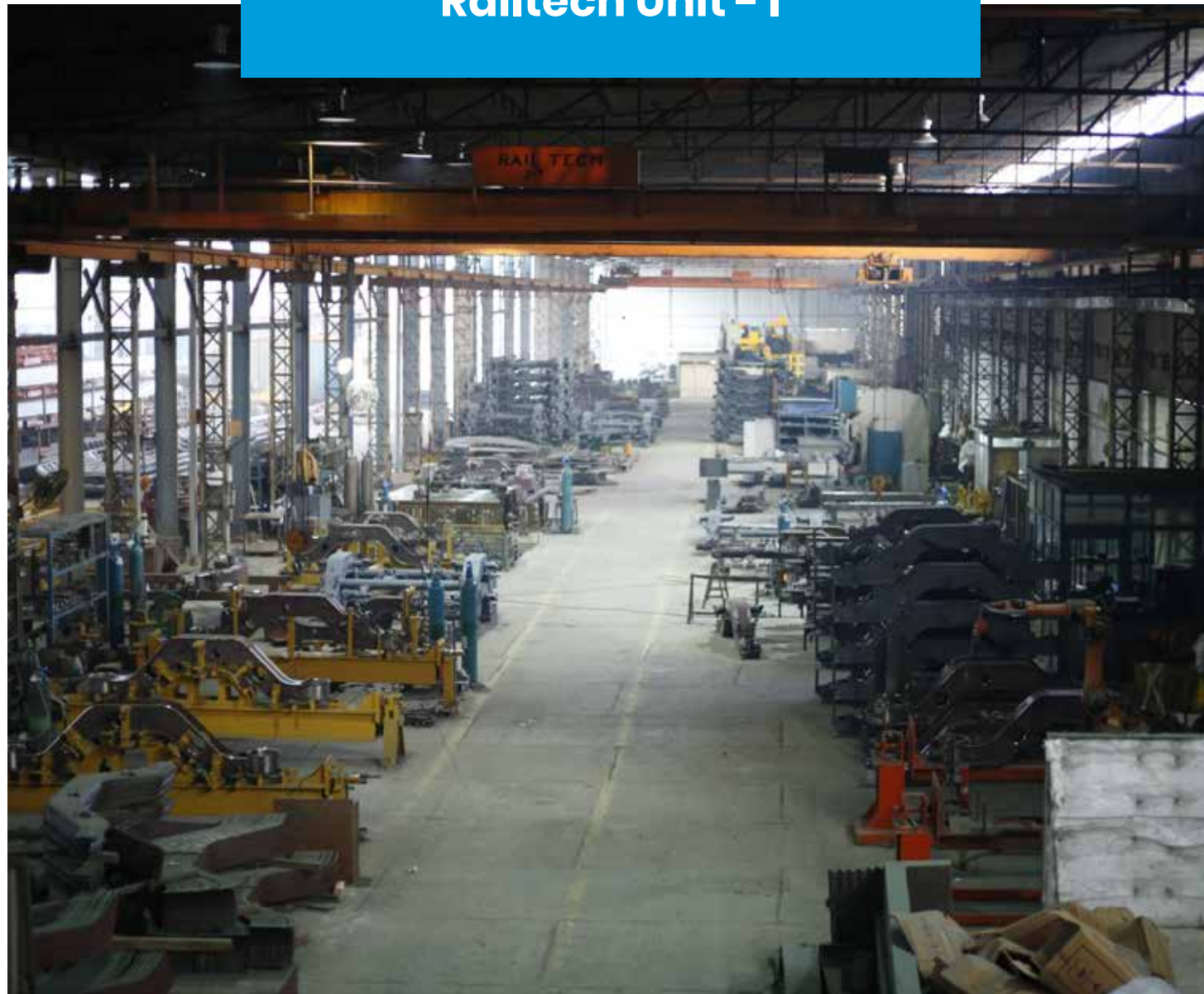


Amoc For Bio-toilets

Amoc For Vacuum Toilet Systems

FACILITIES

Railtech Unit – I

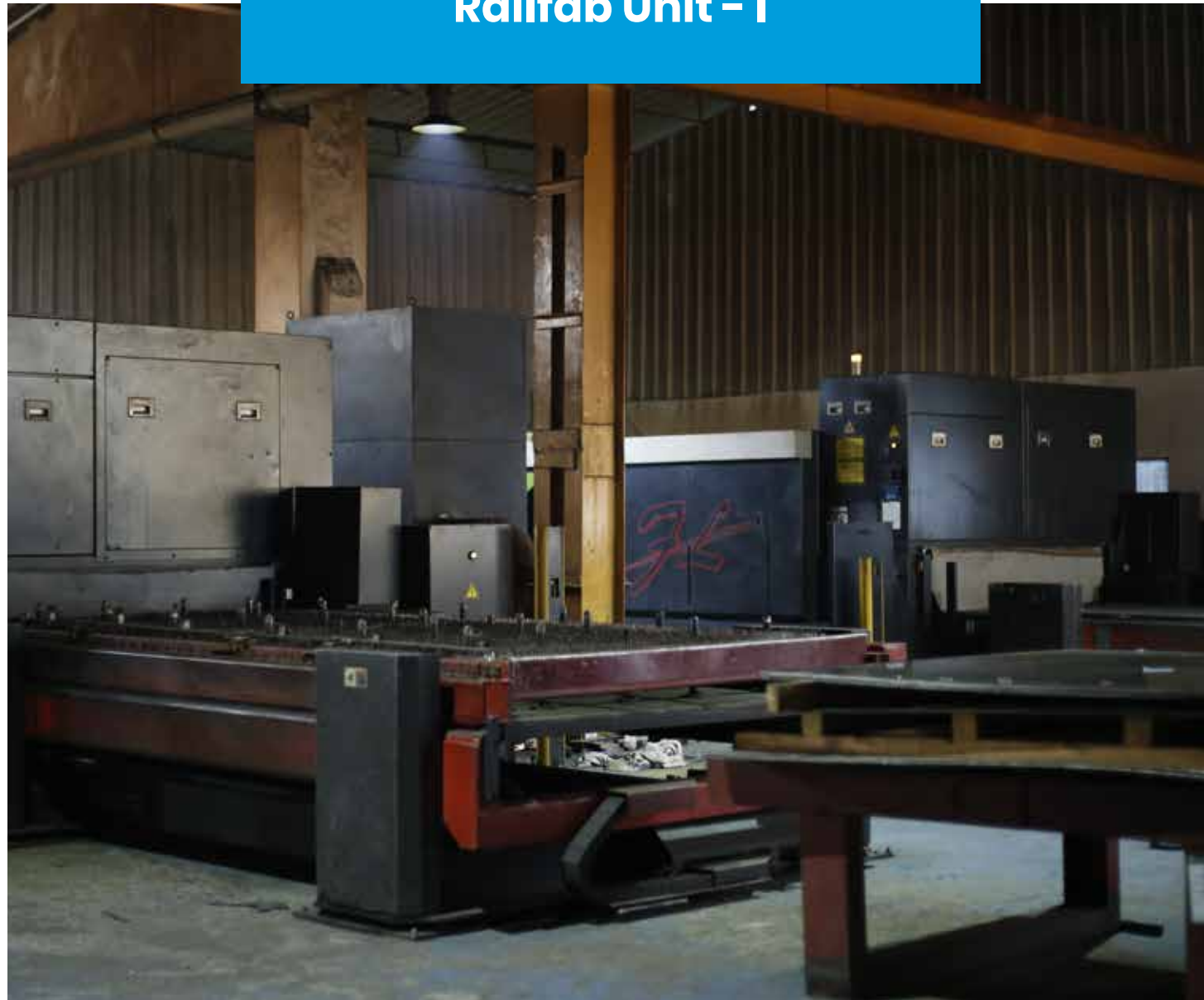


Railtech Unit – II



FACILITIES

Railfab Unit – I



Railfab Unit – II



FACILITIES

Railtech Unit – III (Himachal)



Inovtech



MACHINERY



**5 Axis Double Column
Vertical Machining Center**

Design Type : Fixed Column
X / Y / Z Travel : 6000 / 4600 / 1800 mm
Make : Fourstar, Taiwan
Model : FD-3660



**5 Axis Double Column
Vertical Machining Center**

Design Type : Fixed Column
X / Y / Z Travel : 4200 / 1800+650 / 800 mm
Make : Fourstar, Taiwan
Model : FD-1842+5F



**5 Axis Double Column
Vertical Machining Center**

Design Type : Fixed Column
X / Y / Z Travel : 4200 / 3600+650 / 1100 mm
Make : Fourstar, Taiwan
Model : FD-3642+5F



**9 Axis Robotically Controlled
MIG Welding**

Robotic Arm : KUKA Robot KR-16 L8
Welding : Fronius Power Source TPS 5000

MACHINERY



Shot Blasting Furnace

Max Job Size : 4000x4000x4000mm



Laser Welding

Linear Welding Length : 3 Mtr
Welding Thickness : upto 3mm Stainless Steel
Make : NAGA Welders
Power Source : IPG 3 KW



Spot Welding Line

Robotically Controlled
Servo Slide X axis 25 mtrs - 2 Nos
Servo Slide Y axis 1.5 mtrs - 2 Nos
Make : ARM Welders



Spot Welding Line

Robotically Controlled
Servo Slide X axis 25 mtrs - 2 Nos
Servo Slide Y axis 2.1 mtrs - 2 Nos
Make : NAGA Welders

MACHINERY



Cold Roll Forming

Design Type : Conventional
Feed Width Max : 700mm
Make : MillFab



Ageing Blast Heat Furnace

Max Job Size : 6000x4000x3000mm
Max Temp : 650 C



Cold Roll Forming

Design Type : Cassette
Feed Width Max : 1550mm
Make : ZCSS



Laser Profile Cutting

Type : Fibre
3KW
Bed Size : 1500x3000mm
Make : AMADA

MACHINERY



Laser Profile Cutting

Type : Fibre
2KW
Bed Size : 1500x3000mm
Make : AMADA



Laser Profile Cutting

Type : Disc
2KW
Bed Size : 1500x3000mm
Make : TRUMPF



Laser Profile Cutting

Type : Fibre
2KW
Bed Size : 1500x3000mm
Make : AMADA



Laser Profile Cutting

Type : Co2
2.5KW
Bed Size : 1500x3000mm
Make : TRUMPF

MACHINERY

Laser Profile Cutting

Type : Fibre

3KW

Bed Size : 2000x4000mm

Make : PRIMA

Laser Profile Cutting

Type : Fibre

2KW

Bed Size : 2000x4000mm

Make : BYSTRONICS

Seam Welding Line

Linear Welding Length : 25 Mtr

Welding Thickness : upto 3mm Stainless Steel

Make : NAGA Welders

GLOBAL PARTNERS

The Indian Railway is growing leaps and bounds both in terms of increasing passenger safety as well as comfort and amenities. In order to tap into this immense transformation, and to further consolidate its position as an organization supplying the maximum number of components to the Indian Railways, RailTech has partnered with a few international organisations, each leaders in their respective fields, to jointly develop innovative products best suited for the Indian railways.



MANAGEMENT TEAM

Sunil K Jain

MANAGING DIRECTOR

Suresh K Jain

MANAGING DIRECTOR

Sardeep Raj Jain

MANAGING DIRECTOR

Kunal Raj Jain

DIRECTOR (BUSINESS DEVELOPMENT)

Mayank Jain

DIRECTOR (BODY SHELL DIVISION)

Nikhil Jain

DIRECTOR (FURNISHING DIVISION)

Sahil Jain

DIRECTOR (ELECTRICAL DIVISION)



CONTACT US

RailTech progressively is looking to further venture into modulus fabrications, and offer turn key solutions, and while seeking for niche products, markets and other avenues for growth, it continues to focus on the Railway industry as its core strength.

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