



WE CONNECT

**DOTS
NETWORKS
LIVES**

msl **COMPOSITES,**



Mobility Solutions Limited (MSL)

Established in 1998 as an ancillary unit of JCBL, Mobility Solutions Limited has grown to become a leading name in India's composites industry. Today, we stand as the largest and most trusted manufacturer and supplier of parts and components for railways, automotive, and industrial applications. With state-of-the-art manufacturing facilities, we offer comprehensive solutions from concept development to final delivery, adhering to customer specifications and both national and international standards.





MSL Composites combines advanced engineering and innovation to craft FRP/GRP parts such as Front Mask, Interior Paneling, Side Walls, Toilet Modules, and Ceiling Panels for Railways, Metros, Buses and a variety of other applications.



MSL Seating Systems is trusted for its commitment to comfort and durability. By engineering Seats, Window Frames, and Components with precision, it delivers reliable solutions.



MSL Techno Fab forges robust solutions in heavy fabrication, engineering precision components in heavy machinery, Aluminum, and general fabrication, delivering excellence to leading OEMs.



Our Vision

Global engineering company with a diverse portfolio, consistently setting unique benchmarks by delivering innovative solutions, protecting the planet and winning trust of the stakeholders.

Our Mission

Continually achieving next level of manufacturing excellence by investing strategically to foster innovative solutions for the customer's delight simultaneously fulfilling aspirations of all the stakeholders transparently.



Connecting milestone by milestone

OUR STORY

2003
ISO/TS 16949 certification.

2004
Export of suspension components and PU cushions and dash pads to the USA.

2006
Supply started to STUs.

2007
MSL India joint venture with Group Happich Ellamp of Italy.

2008
Export to USA GE Loco Parts.
TATA approved MSL seats for their buses.
ARAI approval awarded.

2008
MSL Unit-II for Railway FRP and Window Frames.

2009
Inception of MSL as an ancillary of JCBL captive consumption.

2011
JV formation with Stratiforme for Alstom business in India.

2012
Started supply of Seats/Windows to SML & FRP Chennai Metro parts to Alstom.

2013
Started supply to JV Partner Stratiforme of Talent 2 project of Bombardier.

2014
Started supply to Integral Coach Factory- Chennai of Indian Railways.

2016
Became an approved supplier for Indian Railways.
Business award from Alstom for Sydney Metro & Lucknow Metro.

2020
Started Metal Fabrication Business for Indian Railways.
ISO 9001, ISO 3834 & EN 15085 Awarded.

2021
Inception of MSL-AURA MAC to manufacture high precision measurement and control instruments.

2022
Vande Bharat Nose Cone designed for the Indian Railways.

2023
Got the order for 18 rake train sets consisting 16 coaches per rake for development. Supply and installation of Vande Bharat train interior like roof, side wall and toilets modules.
Designed front mask, exterior, interior, paneling and interior door pillar for Tren Maya.

2024
New facility created for advanced composite business.
Supply started.





CONNECTING

PRECISION WITH PERFECTION



What we do?

- An IRIS:2017 & ISO/TS 22163:2017 certified company that manufactures a wide range of FRP/GRP Parts.
- As an end-to-end solution provider, we encompass conceptual design, engineering, prototype development, testing, manufacturing, logistics support, installation and comprehensive after sales service.
- Sectors we cater: Metro, Railways, Automotive, Industrial, Defense, Aerospace and ABC (Architecture, Building & Construction) applications.

What makes us stand apart?

- A leading multi-product and multi-technology player.
- End-to-end solutions provider.
- State-of the-art manufacturing plants located in Lalru, Punjab with a total area of 41,700 Sq. m.
- We were among the top 5 companies in India, who acquired International Railways Industries Standard (IRIS) certification from TUV Rheinland, to supply FRP components to Metro / international rail projects.
- Among first in India to invest in 5-AXIS CNC machine for pattern manufacturing to reduce overall development time.
- ISO 9001:2015, IATF 16949:2016, IRIS:2017 and ISO/TS 22163:2017, ISO 3834-2 & EN-15085-2 certified manufacturing facility.
- Compliance with national and international standards.
- Successful execution of domestic and international projects for leading companies in India and abroad.



Built to last
OUR SOLUTIONS

RAILWAYS & METRO



Front Mask



Cab Interiors



Coach Interiors



Toilet Modules

AUTOMOTIVE



Fascia



Driver Console



Caravan Interiors



EV Body & Allied Product

DEFENCE & AEROSPACE



Unmanned & Special Technologies

ARCHITECTURE, BUILDING & CONSTRUCTION



Building Facade & Allied Product



CONNECTING

DREAMS WITH SUCCESS



CHENNAI METRO-ROLLING STOCK



CHENNAI METRO - ALSTOM PHASE - I

- Year of start 2011-12
- Number of train sets-42

CHENNAI METRO EXTENSION

- Year of start 2018-19
- Number of train sets-10

HIGHLIGHTS

- Design and development done at Stratiforme France.
- After delivery of 1st 9 TS by Stratiforme to Alstom Brazil, the balance was made at MSL for Alstom India.





CHATSWOOD

NSW GOVERNMENT | Transport

MTS

1202

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Projects Undertaken

SYDNEY METRO-ROLLING STOCK



SYDNEY METRO - ALSTOM

- Year of start 2016-17
- Number of train sets-22

SYDNEY METRO EXTENSION

- Year of start 2018-19
- Number of train sets-23

HIGHLIGHTS

- Successfully supplied both orders.
- Design and development done at MSL India.





Projects Undertaken

LUCKNOW METRO-ROLLING STOCK

ALSTOM

LUCKNOW METRO - ALSTOM

- Year of start 2016-17
- Number of train sets-20 TS of 4 car

HIGHLIGHTS

- Design and development done at MSL India.
- Successfully supplied.





Projects Undertaken
MUMBAI METRO-ROLLING STOCK



MUMBAI METRO ML 3 - ALSTOM

- Year of start 2020-21
- Number of train sets-31

HIGHLIGHTS

- Design and development done at MSL India.
- Successfully supplied.





Projects Undertaken

TALENT II METRO-ROLLING STOCK

BOMBARDIER
the evolution of mobility

TALENT II

- Executed through Stratiforme France JV partner Front Mask, Spoiler, Exterior Paneling.
- Successfully supplied.





Projects Undertaken

REGIO 2N METRO-ROLLING STOCK

BOMBARDIER
the evolution of mobility

REGIO 2N

- Executed through Stratiforme France JV Partner Front Mask, Exterior and Interior Paneling.
- Successfully supplied.





Projects Undertaken MEXICO RAILWAYS

ALSTOM

TREN MAYA

- Front Mask Exterior.
- Interior Paneling.
- Coach Interior Door Pillar.
- 42 Train sets successfully supplied.





LOCOMOTIVE-ROLLING STOCK



GE TRANSPORTATION-ALSTOM E LOCO

Supplying FRP Parts for their locomotive business in USA for Erie (PA) and Fort Worth (Texas) Plants since 2008.

Parts manufactured by RTM, Filament winding, compression moulding, and Hand Lay-up Process Gel coat and Painted finish.

- Toilet Enclosure with Door
- Vestibule Doors
- Battery Covers
- Insulation Tie Rings
- Sink
- Tie Baffle
- Shroud





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Projects Undertaken INDIAN RAILWAYS



INDIAN RAILWAYS LHB / STANDARD TRAINS

- Interior paneling for Driver Cabs
- Interior paneling for LHB Passenger Coaches
- Interior paneling for MEMU/MRVC/IGBT/DMU/DPC Coaches
- Locomotive parts
- Trough below AC cover





Projects Undertaken INDIAN RAILWAYS



INDIAN RAILWAYS TRAIN 18/ VANDE BHARAT TRAINS

- Nose Cone
- Modular Toilet
- Interior paneling
- Furnishing of full coach interior





Projects Undertaken

PUNE METRO-ROLLING STOCK



PUNE METRO LINE 3

- Year of start 2020-25
- Number of train sets-22TS

HIGHLIGHTS

- Design and development done at MSL India.
- Under production-20 TS already dispatched.



Projects Undertaken **AUTOMOTIVE**



SML
ISUZU

STAFF BUS-SMLI

Year of start-2025

Yearly 1000 to 2000 Bus Sets

HIGHLIGHTS

Regular Production



TATA

SCHOOL BUS-TATA

Year of start-2025

Yearly 1000 to 2000 Bus Sets

HIGHLIGHTS

Design & Development done at MSL India.





CONNECTING

STRENGTH WITH STANDARDS

Where excellence meets precision

INFRASTRUCTURE



msl⁷ TECHNO FAB



msl⁷ COMPOSITES



msl⁷ SEATING SYSTEMS



LRTM Area



Lamination Area



Gelcoat Booth



Inspection Area



Paint & Post Curing Oven



Paint Booth

A strict no quality compromise
OUR PROCESS CAPABILITIES



End-to-end design, Engineering
and tooling of all critical components



State-of-the-art Machinery and
Advanced Technology Integration



Superior Manufacturing Processes
Controlled contact moulding, VARTM, resin infusion, filament
winding, vacuum bagging, bonding and painting



In-house Testing and Stringent
Quality Control Systems

A commitment to zero error

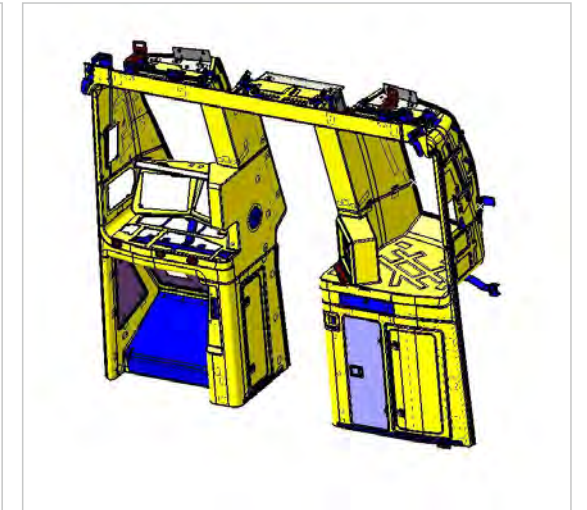
RESEARCH AND DEVELOPMENT

DESIGN CAPABILITIES

- Concept Styling
- 3D Modelling
- Drafting
- Prototyping
- Full Scale Modelling
- Material Characterization
- FEA
- FRP Panel Design

R&D CAPABILITIES

- Prototype Development and Testing
- Static and Dynamic Analysis
- Pattern & FRP Mold Manufacturing
- FRP Parts Development for Indian Railways & Metros
- Material Testing at Independent Laboratories
- Structure Design and Analysis
- Computer-aided Design
- In-house Fixtures/Tools & Gauges
- Advanced Product Quality Planning



Narrating a story of trust and reliability

OUR TESTING FACILITY



Izod Impact Tester
MSFRT-08



Limiting Oxygen Index



Weighing Scale
MSFRT-06 EB 01 | Range: 0g to 200g



Hot Air Oven
MSFRT-02 | Range: 0°C to 1000°C



Smoke Visibility Tester



Toxicity Tester



Universal Testing Machine
MSFRT-1
Tensile Load Capacity-5000 kg
Flexural Load Capacity-225 kg



Spread of Flame Tester
FR 01



Muffle Furnace
MSFRT-3
Range: 0°C to 1000°C



Conditioning Chamber
CC-01, CC-02
Range CC-01: 20°C-40°C, 54-99% RH
Range CC-02: 20°C - 40°C, 40-70% RH

Empowering endless possibilities

OUR CLIENTS





**When inspired minds come together,
miracles happen.**



CONNECTING

ASPIRATIONS AND DREAMS

A story of passion and innovation

JCBL GROUP

Rooted in India's rich values and strong ethics, The JCBL Group stands as a beacon of passion and inspiration. Established in 1989, we have transformed a bold vision into a dynamic reality, positively impacting the lives of over a billion individuals worldwide. Driven by the "Make in India" initiative, we take pride in delivering diverse solutions that impact lives and businesses globally.

From initial foray into mobility solutions, today we have established a strong presence across key sectors of the economy, including Mobility Applications, Defense and Aerospace, Parts and Components for Railways and Buses, Agriculture, Finance, Health and Wellness, and International Business. We have also collaborated with global leaders like Daimler, Toyota, and Harley-Davidson bringing world-class experiences to Indian roads, furthering our mission to empower India's growth and future.

Vision

To be a market leader, sustaining domestic leadership and global presence through innovation, quality and value-added growth.

Values

Customer Success, Trust and Transparency, Passion for Innovation, Long Term Commitment.



Leadership with trust

GROUP AT A GLANCE

- 35+ years of experience
- 20% CAGR since last 2 decades
- Diverse product portfolio catering to various sectors of the economy
- 216.87 million US\$ conglomerate
- 5 manufacturing plants
- 27,63,969 square feet manufacturing area
- 22 automobile dealerships
- 3000+ employees

A strong customer base of leading OEMs, Government Ministries and Government undertakings like Ministry of Defence, Ministry of Transportation, ISRO, DRDO, NACO to name a few, STUs, Railways and Metro like Indian Railways, Alstom, Bombardier and many more.







Touching a billion lives everyday






JCBL GROUP BUSINESSES





MANUFACTURING

	Mobility Applications
	Parts and Components for Railways, Buses and Industries
	Defence and aerospace solutions
	Measurement and Control Instruments
	Agricultural Implements
	Product Design and Manufacturing

TRADING AND RETAIL

	Passenger Cars
	Commercial Vehicles
	Lifestyle Motorcycles
	Insurance
	Automobile Accessories

INTERNATIONAL BUSINESS

	Hand tools and Garden Tools, Automoto Spare Parts and Accessories, Classic Car Restoration Parts, Farm Implements, Machinery and Parts, Furnishing and Construction Material
	Smart Manufacturing Solutions

CERTIFICATIONS AND APPROVALS



IATF 16949



ISO 9001:2015



CMMI Level 3



ISO/IEC 27001:2013



EN ISO 3834-2:2005



EN 15085-2



AS 9100



Registered with
Ministry of Defence-DGQA



IRIS 22163-2017



PESO Certified



OUR PRESENCE

MANUFACTURING

Existing Manufacturing Units

- JCBL
- ADSL
- MSL
- JCBL Agri Solutions
- MSL Aura MAC

Proposed Manufacturing Units

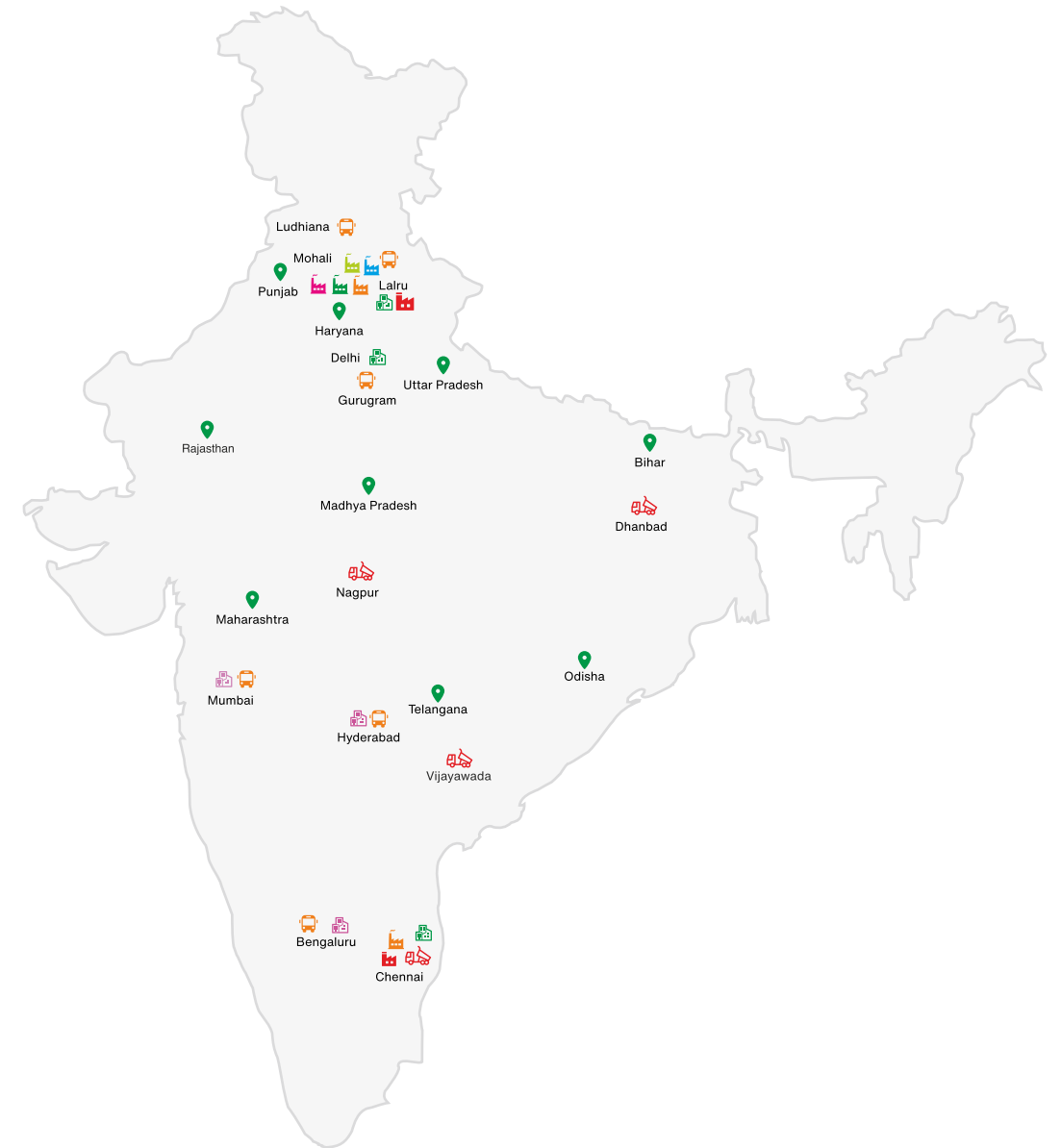
JCBL Marketing Office

- Existing
- Proposed

Service Facilities

- Bus
- Tippers

Agri Dealer Network



GLOBAL FOOTPRINT

JCBL INDIA

📍 Network

- BELARUS
- ECUADOR
- EGYPT
- FRANCE
- GERMANY
- HUNGARY
- INDONESIA
- IRELAND
- MACEDONIA
- MALAYSIA
- SLOVAKIA
- SPAIN
- THAILAND
- TUNISIA
- CANADA
- POLAND
- NETHERLANDS
- SWITZERLAND
- ITALY
- BULGARIA
- AUSTRIA
- UKRAINE
- RUSSIA
- SYRIA
- IRAQ
- IRAN
- CAMBODIA
- VIETNAM
- MONGOLIA
- SOUTH KOREA
- PAKISTAN
- MEXICO
- GUATEMALA
- COLOMBIA
- ARGENTINA
- BOLIVIA
- TURKEY
- DUBAI
- JORDAN
- SAUDI ARABIA
- ALGERIA
- MOROCCO
- LIBYA
- IVORY COAST
- GHANA
- ZIMBABWE
- PERU
- CHILE
- SOUTH AFRICA
- USA

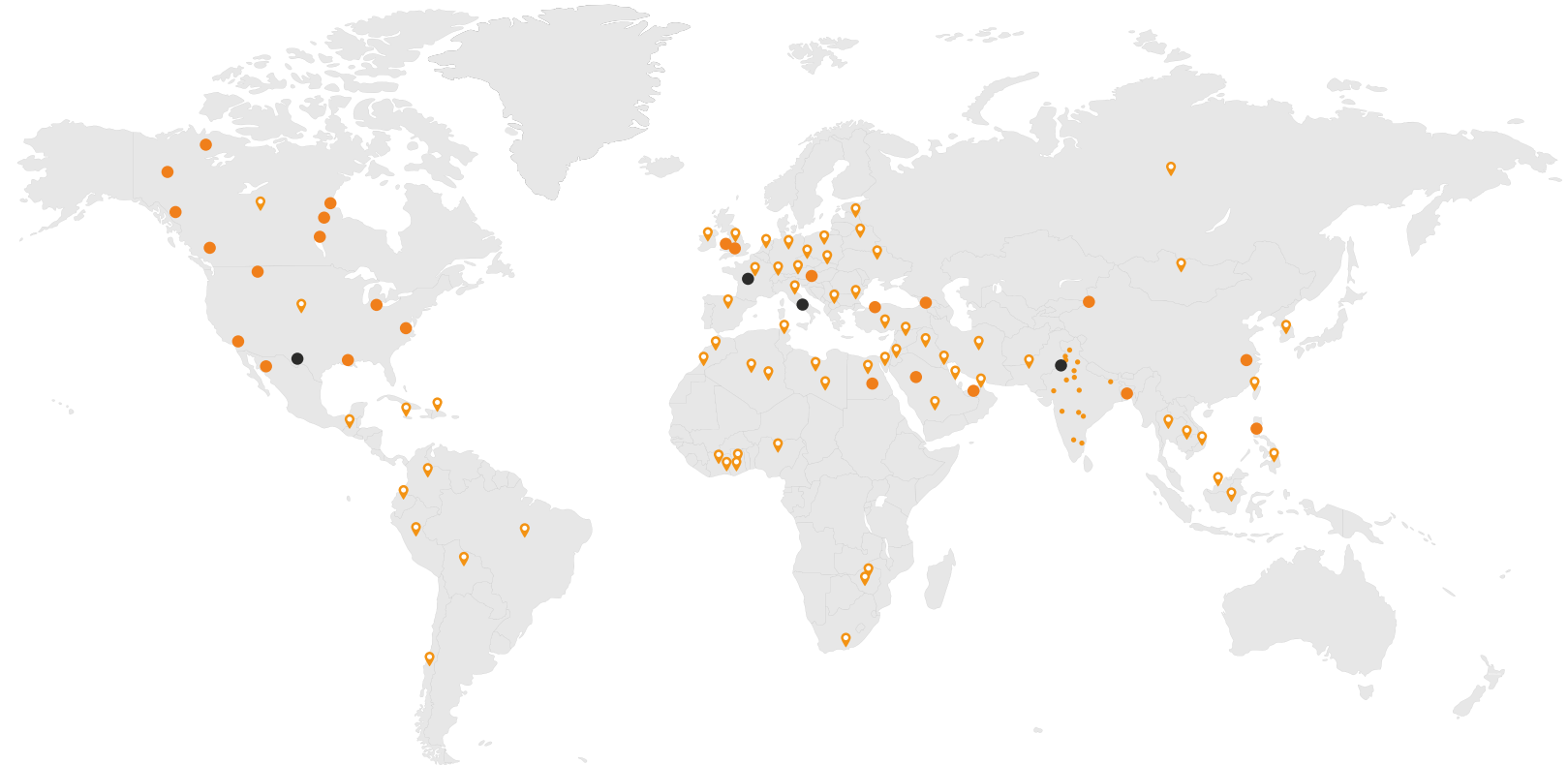
MSL AURA MAC

● Operations

- INDIA
- MILAN, ITALY
- HOUSTON, TEXAS, USA,
- FRANCE, EUROPE

● Channel Partners

- London, UK
- Birmingham, UK
- Cairo, Egypt
- Kingdom of Saudi Arabia
- Dubai, UAE
- Bangladesh
- Philippines
- Mexico
- Vancouver, Canada
- Edmonton, Canada
- Toronto, Canada
- Washington DC, USA
- New Orleans, USA
- Los Angeles, USA
- Cleveland, Ohio, USA



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