



CORPORATE
PRESENTATION
2025

About Lohia Group

- › Diversified conglomerate – Automotive, Aerospace, Machinery, Textiles
- › Global market leaders in Machine Building
- › Headquarters and main manufacturing facility spread over 400K sq. meters
- › Manufacturing facilities in 9 countries across 4 continents
- › Metalworking heritage; multiple metal process technologies
- › Technical Training Institute for Mechanical and Technical courses; 40K sq. meters
- › Export focused manufacturing; products delivered to over 100+ countries
- › Sales and Representative offices in 25 countries
- › Group Revenue: >400 Million USD, 6000+ workforce



Group Headquarters Snapshot

- › Over 500K sq. meters industrial campus;
- › Over 65K sq. meters of production floor/ built up area
- › 220 CNC machines; 214 conventional machines
- › 100 kinds of inspection equipment (CMM, Faro, etc)
- › Large scale electronics assembly including motherboard assemblies (SMT)
- › Specialized surface treatment capabilities



Lohia Aerospace Overview

Abstract

- › Comprehensive composite manufacturing experience across two countries
- › Experience in manufacturing products made of carbon fibre, glass fibre, fibre-reinforced matrix system, glass phenolics, amongst others
- › Expertise in multiple processes - wet layup, prepreg layup, resin transfer moulding (RTM), liquid resin infusion (LRI), and their tooling, in-house paint booth, machining, and bonding operations
- › Development partners of mission critical projects; our composites focused technologies line-up helps us present to you, products for the complete spectrum of marquee applications.
- › 250+ highly trained and experienced team

Quality

- › NADCAP - Composites
- › AS 9100D certified
- › OEM certifications for composites

Locations



Israel – Manufacturing facility & training centre

Area – 43,000 Sq. Feet



India – Manufacturing facility

Area – 86,000 Sq. Feet



Global Excellence

Israel facility – Light&Strong, a wholly owned Subsidiary of Lohia Aerospace Systems



- › Facility established in 2007, acquired by Lohia Group in 2019
- › Focus on aerospace & defence products
- › Expert in-house design and engineering team with extensive industry experience
- › Training centre for Israeli and Indian teams
- › Infrastructure : 4K sq. meters facility, clean room, wet layup room, autoclave area
- › Manufacturing technologies: Prepreg lay-up, Wet lay-up, LRI (Liquid Resin Infusion), RTM and assembly

World Class Manufacturing

India facility



- › Capital investment ~\$15 million
- › Facility of 8K sq. meters (86,000 square feet)
- › 35K sq. meters additional land area
- › Large Size Autoclave, Oven, in-house NDT lab and In-House Paintbooth.
- › Cleanrooms
- › Strong supply chain and logistics management
- › Complete cost effective eco system – Engineering, tool design, tool production, precision machining, paint and assembly available in-house
- › Temperature controlled manufacturing facility
- › Modular internal construction for dynamic facility expansion



Globally Trained Team





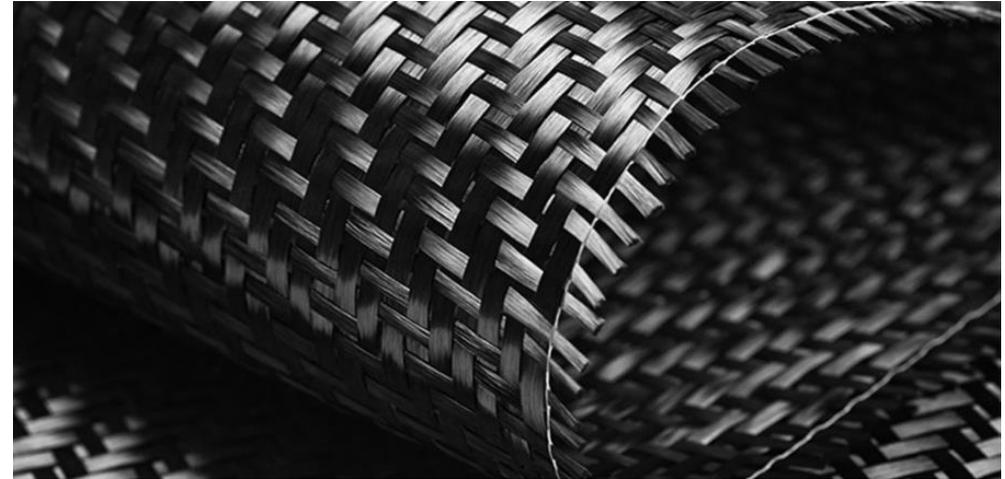
Materials and Manufacturing

Materials

- › Carbon, Glass, Aramid Prepreg
- › Carbon, Glass, Aramid Dry Fabric
- › Quartz Fibre Cyanate Ester
- › CF, GF SMCs
- › Glass Roving, Chopped Yarns
- › Resin- Epoxy, Phenolic, Vinyl Ester
- › Solid Laminates
- › Cores- Foam, Rohacell, Honeycomb
- › Fillers

Manufacturing Processes

- › Prepreg and Wet Hand Lay-up
- › Liquid Resin Infusion (LRI)
- › Resin Transfer Moulding (RTM)
- › Autoclave, Out of Autoclave, Press Curing
- › Sandwich Panels
- › Bonding Operations
- › Finishing & Painting
- › Assembly



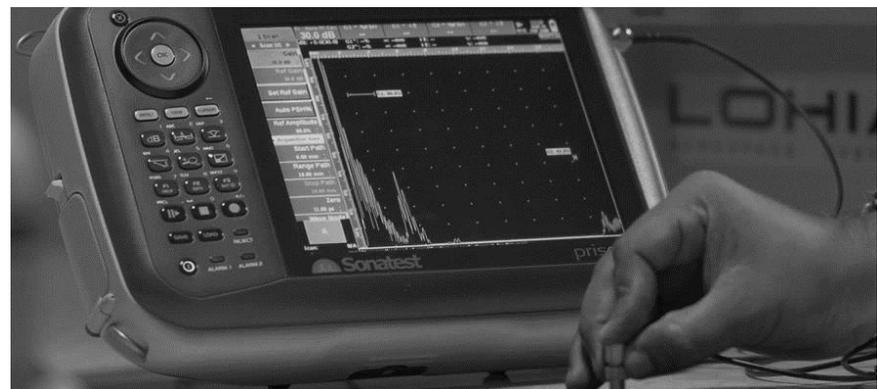
Quality and Training

Quality Excellence

- › LAS has Physical, Analytical & Mechanical testing laboratories for quality assurance of input/ WIP/ finished goods
- › We also have NAS-410 based ultrasonic NDT facility with Level-3 & Level-2 qualified persons

Training & Development

- › Cross-country learning and development
- › manpower has been trained at the Israeli facility, as well as in global composite facilities to completely understand the processes and controls of best quality products



Design and Tooling

Capabilities

- › Complete design & manufacturing of tools
- › Laminate analysis & material selection
- › In-house Full machining of tools, gauges and fixtures
- › Prototyping in development phase for customers

Softwares

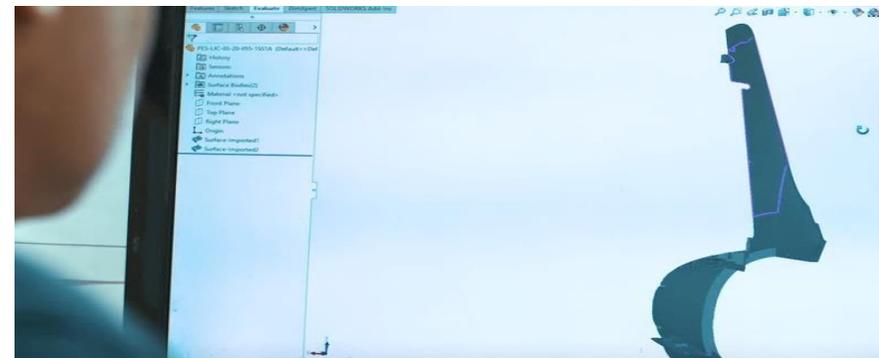
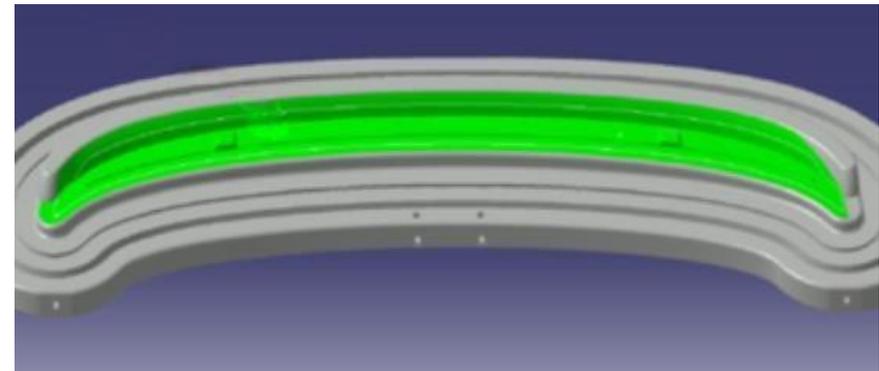
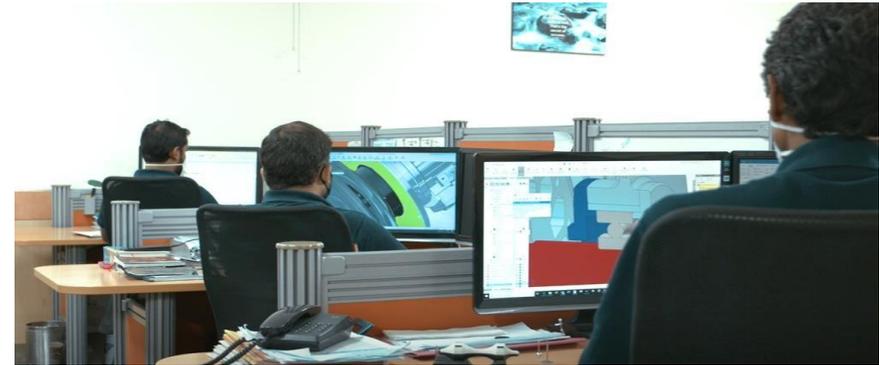
- › NX/ Solidworks/ Polyworks

Moulds Manufacturing Capabilities

- › Metal- Aluminium/ SS/ Invar
- › Fiber- Carbon/ Glass Fiber Epoxy prepreg based moulds
- › Epoxy/ MDF Tooling Boards

Prototyping Capabilities

- › Assist customers by providing parts via soft tools to meet final milestones
- › Concept to mature product



LAS Certifications



AS 9100D Certificate



NADCAP Certificate

Our Product Portfolio

COMMERCIAL AVIATION:

- Composite interior shipsets for 'Passenger to Freighter conversions for the Boeing family of aircrafts
- All Gulfstream G150s and G280s fly with our composite components

DEFENCE APPLICATIONS:

- Single source suppliers of complete composite structures of HALE, MALE & Tactical UAVs to multiple global OEMs
- Radomes, Reflectors, and Wave-Guides along with remoted operated Vehicles (ROVs) for military OEMS

OTHER MARQUEE PRODUCTS:

- Strategic partners to space programs for composite structural components



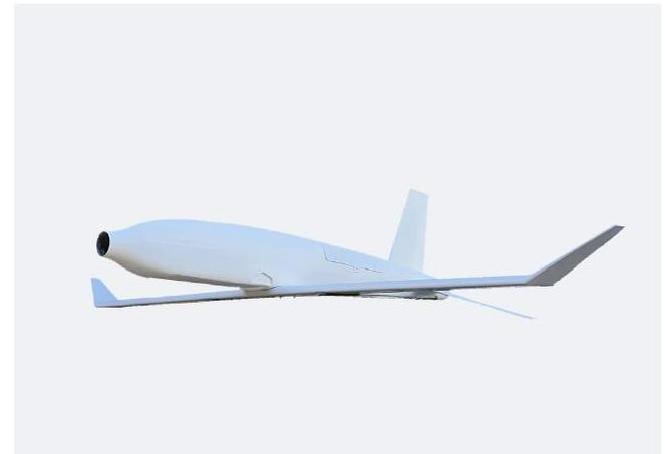
MALE, HALE & Tactical UAV Structures

- › Single source suppliers of the complete primary structures of UAVs
- › Supplied shipsets of various types
- › Carbon fibre prepregs and dry fibre used. Primary structure, standalone parts and 1st level integration – Servos, metal parts is done by us.
- › We participate in multiple other MALE/HALE programs and are known internationally for our technical skills in producing complete composite structures for these UAVs, and mechanical and electromechanical assemblies



MINI UAVs

- › Mini UAVs manufactured for International OEMs
- › We produce the complete structure with only the engine and payloads to be plugged in
- › Primary structure Carbon fibre Wet lay-up Dimensions : 1.5 m x 1.5m



UAV Components & Assemblies



Fuselage



Fuselage



Booms / winglets



Wing Assembly



Directional Antenna Covers

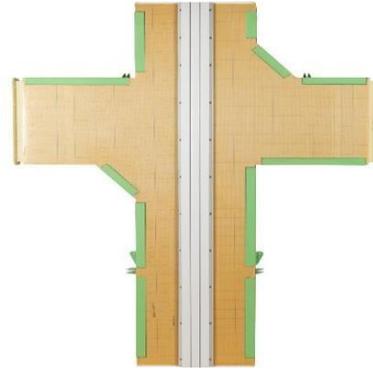


Tail Assembly

Cargo Aircraft Components & Assemblies



Forward Smoke Barrier



Air Duct



PSU – Interior Box and Cover



Ceiling Panel



Aft Smoke Barrier



Raft Box – Life Raft Stowage

Aircraft Interior Components & Assemblies



Venturi pipe



Port



Flange



Air Duct



Air Duct



Cover



Galley

Other Marquee Products

Payloads



Radomes



Magazines



Other Marquee Products



Space Launcher Bodies



Lunar Lander – Landing Gear



Optical Bench



Swat Remotely Operated Vehicle (ROV)



Reflectors



Communication System's Nacelle

Strategic advantages of collaborating with us

Located in the Defense Industrial Corridor (DIC)

- Strategically located near major defense establishments, testing facilities, and OEMs across India
- Preferred partner under the 'Make in India' initiative
- Simplified compliance and ready-to-use industrial infrastructure for joint ventures and technology collaborations
- Streamlined processes for industrial licenses, NOCs, and export authorizations for defense-grade products

Recognized MSME advantage

- MSME participation accelerates government clearances
- Eligible for reduced duties and financial incentives
- Defense Corridor MSMEs receive state subsidies and priority infrastructure support

Defense Offset policy alignment

- Eligible for multiplication factor under the Indian Defense Offset Policy.
- Enhances financial viability of foreign OEM collaborations

Our Value Proposition

1. Suppliers to the aerospace and defence sector



- ▶ Our group heritage includes the manufacturing and program management of automotive, aerospace and defence programs
- ▶ Complete understanding of certifications, quality and timeline requirements

2. International Footprint



- ▶ Manufacturing in India and Israel
- ▶ Built-in redundancies to manage potential disruptions (2 facilities in 2 geographies)

3. Full support envelope



- ▶ In-house engineering support and NDT lab
- ▶ Plug and play solutions for multiple product lines
- ▶ NADCAP, AS 9100D & IATF 16949 certified facilities
- ▶ In-house paint-booth and integrated assembly

4. Competitive production cost



- ▶ Best Cost pricing engineering and technology from Israel and India production
- ▶ Significant cost efficiencies with risk mitigation solutions

5. Financial Strength



- ▶ Ability to make investments as required

Distinctive value proposition for global organizations
A proven supplier from a reputed group with scalable, cost-effective manufacturing

Our Ethics and Compliance Commitment

Our Ethics Charter represents a collective commitment to our Values and Code of Conduct.

LAS is comprised of talented and dedicated people, committed to providing outstanding service to our customers and celebrating our guiding principles of integrity and human rights.

Our commitment includes adhering to all applicable laws and regulations and maintaining the highest ethical standards in all our business endeavours.

