

# NEWS & UPDATES

June 2026 Issue

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Defence Research and Development Organisation  
Ministry of Civil Aviation | Ministry of Commerce and Industry  
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Department of Defence Production\*  
Council of Scientific & Industrial Research  
Government of India



**DPIIT**  
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\*Requested

# AEDDEX + Airport Expo

AEROSPACE & DEFENCE EXPO

Thu. 10<sup>th</sup> - Sat. 12<sup>th</sup>, September, 2026

Hall 2, Yashobhoomi, IICC, Dwarka, New Delhi, India

61%  
BOOKED



Where Domains  
**CONVERGE** for Business Growth  
(Aerospace, Defence & Civil Aviation)

ORGANISED BY



## Expected Participation:

300+

Exhibitors

10+

Countries

60+

Speakers

600+

Delegates

12,000+

Footfalls

Visitor Badges & Lanyards Sponsor



Industry Partners



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# AEDEX & AIRPORT EXPO 2026 - SUPPORTING LUMINARIES

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Secretary - Department of Space, GOI  
Chairman - Space Commission



**Dr. Samir V. Kamat**  
Former Secretary, Department of Defence R&D  
& Chairman - DRDO  
Ministry of Defence, GOI



**Dr. N. Kalaiselvi**  
Director General, CSIR  
& Secretary - DSIR  
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Ministry of Defence, GOI



**Sameer Kumar Sinha, IAS**  
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**\*Vipin Kumar, IAS**  
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Airports Authority of India



**Ravi K.**  
Chairman & Managing Director  
Hindustan Aeronautics Ltd



**Hari Marar**  
MD & CEO  
Bangalore International Airport Ltd (BIAL)



**Dr. C.G. Krishnadas Nair**  
Former Chairman, HAL  
Former Honorary President, SIATI

\*Requested

## MEMBERS - NATIONAL ADVISORY COMMITTEE

### Chairman, National Advisory Committee



**Dr. G. Satheesh Reddy**  
President  
Aeronautical Society of India



**Dr. Abhay A Pashilkar**  
Hony. President SIATI  
Director, CSIR -NAL



**Air Marshal Sanjiv Ghuratia**  
AVSM, VSM  
Air Officer-in-Charge Maintenance, IAF



**\*Vir Vikram Yadav, IAS**  
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Ministry of Civil Aviation



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**Satyan Nayar**  
Secretary General  
Association of Private Airport Operators (APAO)



**B. Bhaskar**  
Senior Director  
GMR Group



**Group Capt. (R) Aurobindo Handa**  
Former Director General,  
Aircraft Accident Investigation Bureau , MOCA



**Dr. Abhay A Pashilkar**

Hony. President SIATI  
Director, CSIR -NAL

### MESSAGE

India is rapidly emerging as a global hub for aerospace, defence, and aviation innovation, driven by strong policy support, indigenous manufacturing and expanding global partnerships.

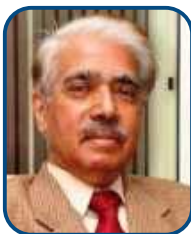
As the collaboration between the sectors of Defence, Aerospace and Civil aviation becomes important particularly in areas of unmanned systems, safety and surveillance technologies; Aedex + Airport Expo 2026 being organized as a premier industry platform across the industry value chain will help these sectors to grow further. It will bring together global industry leaders, manufacturers, technology providers, government bodies, and research institutions, on one platform.

With participation expected from leading Indian enterprises and global companies, the platform will provide unmatched opportunities for brand visibility, market expansion, policy engagement, and direct interaction with key decision-makers and position India as a leading destination for aerospace, defence and aviation innovation.

I am happy to extend an invitation to all the industry stakeholders for participation in these International Exhibitions and conferences. I wish these events a grand success.



(Dr. Abhay A Pashilkar)



**Dr. C.G. Krishnadas Nair**

Former Honorary President, SIATI  
Former Chairman, HAL

### MESSAGE

I am delighted that AEDEX + AIRPORT Expo 2026, scheduled during 10–12 September 2026 at Yashobhoomi (IICC), Dwarka, New Delhi, are receiving good support from the Government and Industry. The event is being organized as a dynamic industry platform aimed at showcasing advanced technologies, strengthening strategic partnerships, and accelerating the future growth of the aerospace, defence and aviation sectors.

SIATI (Society of Indian Aerospace Technologies and Industries) was founded to bring together the various industries, R&D and other organizations in the country engaged in the field of aerospace on a common platform to provide interaction among themselves as well as with overseas industries/ organizations to enhance growth opportunities for all.

These International Exhibitions and Conferences will, apart from showcasing of innovations will also encourage meaningful dialogue, knowledge exchange and business networking among government organizations, industry leaders, research institutions, MSMEs, and emerging start-ups.

I firmly believe that AEDEX + AIRPORT Expo 2026, organized by SIATI & TAFCON will significantly contribute to enhancing India's global standing in aerospace, defence and aviation innovation. I invite industry stakeholders to participate in this landmark industry platform.

I convey my best wishes for this event and sincerely believe that the Conference-cum-Exhibition will be a huge success with large participation.



(Dr. C.G. Krishnadas Nair)



## About - AEDEX 2026 + AIRPORT Expo 2026

The exhibition will bring together unmatched National & Global Visibility - Indian and international OEMs, defence establishments, aerospace firms, infrastructure companies, start-ups, MSMEs, policymakers, and global decision-makers.

The knowledge & Networking forums having two concurrent high-level conference featuring eminent speakers; Buyer Seller Meet; will further enhance strategic engagement, facilitate knowledge exchange, technology transfer and business networking among industry leaders, government agencies and research institutions.

## Exhibitor Profile

- Defence Public Sector Undertakings
- DRDO and Affiliated R&D Laboratories
- Aircraft OEM's, Missile OEM's, Vehicle Manufacturers, Shipbuilders
- Private Aerospace & Defence manufacturers
- All Terrain & Armoured Vehicles Manufacturers
- UAS & C-UAS and Autonomous Systems Companies
- Engineering and process Companies (Casting, Forging, CNC Machining)
- Defence Contractors and System Integrators
- MSMEs and Start-up Specializing in Aerospace Components and AI Technologies
- Electronics and Avionics Electro optics & Magnetic Components
- Maintenance, Repair & Overhaul (MRO) Service Providers
- Ferrous & Non-Ferrous Metal Providers
- Advanced, Smart Materials & Composite Manufacturers for Defence Weapons & Aviation Fuel Producers
- Additive Manufacturing & 3D Technologies
- High performance fabrics
- Protective and Armouring equipment
- Automation & Instrumentation (Measuring, Testing and Controlling)
- Lasers & Laser Systems
- Logistics & Material Handling Systems
- Controls CAD/CAM Software's Software/Simulations
- AI, Robotics & Digital Technology in Defence Manufacturing
- High Tech Navigation, Safety & Security related systems & equipment
- Cyber Security Firms specializing in Defence Applications
- Pre-Fabricated & Rapid Deployment Structure
- Financial Institutions and Export Promotion Agencies

## Visitor Profile

- Representatives From Defence Ministries
- Representatives From Defence Design, Purchase and Procurement & Sourcing Departments
- Delegations From Armed Forces & Paramilitary & Homeland Security Organisations
- Defence Public Sector Undertakings (PSU's) and Government-Owned Defence Production and R&D Organisations
- International & National Aerospace & Defence OEMS
- Defence Component Manufacturers and Ancillary & Equipment Companies
- International Country Delegations, Defence Attachés, and Trade Missions
- Maintenance, Repair & Overhaul (MRO), Logistics Organisations
- Procurement, Acquisition, Supply-Chain Professionals
- Space & Geospatial Industry Leaders
- Marine, Naval Systems, Shipbuilding, Submarine and Maritime-Security Companies
- Research & Development and Academia Professionals
- Technology Developers, Innovators & Startups
- Sub-Contractors, Suppliers, End Users & Buyers From Defence and Internal-Security Services
- Testing, Certification Bodies and Quality-Assurance Agencies
- Consultants, Investors & Venture Capitalists

**Contact at:**  
[aedexandairportexpo@tafcon.in](mailto:aedexandairportexpo@tafcon.in)  
+91-11-49857777

## Exhibitor Profile

### Airport Infrastructure & Operations

- Airport infrastructure builders and developers
- Airport operators and management companies
- Runway and taxiway construction specialists
- Aerodrome design and planning consultants
- Ground infrastructure developers

### Airport Support Equipment & Ground Support Vehicles

- Tarmac vehicles and aircraft support equipment manufacturers
- Aircraft towing vehicles (tugs)
- Baggage handling equipment
- Catering trucks
- Maintenance vehicles
- De-icing equipment
- Air stairs and loaders
- Fuel trucks
- Lavatory service vehicles
- Aircraft maintenance and servicing equipment
- Passenger boarding bridges manufacturers
- Ground handling infrastructure providers

### MRO and Ground Handling

- Aircraft maintenance and servicing equipment

### Airport Safety & Firefighting Systems

- Fire safety system manufacturers and service providers
- Airport firefighting equipment
- Emergency response vehicles (crash tenders)
- Foam and chemical systems
- Airport emergency services solutions
- Security solution providers for airports
- Surveillance and access control systems
- Emergency management and disaster preparedness providers

### Technology & Digitalization

- AI, Robotics & Disruption Management

- Air Traffic Control Systems Modernizers
- IT and technology solution providers for airports
- Smart airport technology providers
- Automation solutions for baggage, cargo, and passenger processing
- Biometric and passenger identification systems
- IoT and real-time monitoring systems
- Cybersecurity solutions for airport operations

### Airlines & Aircrafts Interiors

### Cargo, Logistics & Ground Handling

- Cargo and logistics service providers
- Cold chain and perishable cargo specialists
- Ground handling service providers
- Warehouse and storage facility operators
- Supply chain solutions for airports

### Sustainability & Green Airports

- Renewable energy solutions (solar, wind) for airports
- Electric vehicle (EV) charging infrastructure
- Water conservation and waste management systems
- Sustainable building materials and green construction

### Startups & Innovators

- Aviation tech startups
- Innovation-focused equipment manufacturers
- Research and development organizations
- Incubators and innovation hubs focused on aviation

### Consultants & Support Services

- Airport consultants and management firms
- Engineering and design consultants
- Investment advisors and leasing firms
- Regulatory compliance specialists
- Training and capacity building providers

## Visitor Profile

- Airline & Airport Executives
- Airport Operators & Planners
- Senior Airline Management (Airline Operations, Strategy, Finance, Safety, and Customer experience)
- Government Representatives & Agencies
- Technology Startups, MSME's & Vendors
- Investors & Stakeholders in Aviation Projects and Airport Privatization.
- Civil Aviation Authorities & Regulators
- Aviation Consultants & Aerospace Engineers
- Industry Researchers & Analysts
- MRO Service Providers
- Infrastructure Planners, Architects & Contractors
- Frequent Flyers, Travel Enthusiasts & Influencers
- Industry Associations, Institutes & Academicians



**Theme: India's Aerospace & Defence Ecosystem: Innovation, Indigenisation & Global Leadership – Vision 2035**  
**September 10th, 2026 | Conference Hall Tejas, Exhibition Hall - 2**

## PROGRAMME

(Chairman & Eminent Speakers Requested)

### 0930-1000 hrs

- Registration & Networking Tea

### 1000-1020 hrs

- Welcome Dignitaries
- Exhibition Visit by Chief Guest

### 1020-1130 hrs Inaugural Session

- Welcome Address by President SIATI
- Exhibition Brief by TAFCON
- Address by Guest of Honor
- Address by Guest of Honour
- Address by Chief Guest

### 1130-1230 hrs - Session 1

#### **POLICY REFORMS, INDIGENISATION & STRATEGIC ROADMAP FOR AEROSPACE, DEFENCE & SPACE**

Introduction of Dignitaries (MC)

##### **Chairman**

- Dr. V.K. Saraswat, Distinguished Defence Scientist; former DG & Secretary, DRDO; currently Member of NITI Aayog, GOI

Chairman's Opening Remarks

##### **Eminent Panelists**

- Dr. V. Narayanan, Chairman, ISRO & Secretary, Department of Space
- Dr. Samir V. Kamat, Former Chairman DRDO & Secretary, Department of Defence R&D, Ministry of Defence.
- Mr. Jitendra J. Jadhav, Former Director General, Aeronautical Development Agency (ADA), Bengaluru
- Audience Q&A
- Summing up

### 1230-1330 hrs - Session 2

#### **INDUSTRY-GOVERNMENT SYNERGY: ACCELERATING AEROSPACE & DEFENCE INNOVATION ECOSYSTEMS**

Introduction of Dignitaries (MC)

##### **Chairman**

- Dr. G. Satheesh Reddy, President AeSI, Former Secretary Defense R&D, Chairman DRDO

Chairman's Opening Remarks

##### **Eminent Panelists**

- Mr. Kota Ravi, CMD & Director (Operations)- Additional Charge, Hindustan Aeronautics Limited.
- Mr. Sukaran Singh, CEO & MD, Tata Advanced Systems
- Mr. Manoj Jain, CMD, Bharat Electronics Limited (BEL)
- Mr. Arun T. Ramchandani, Chairman, L&T MBDA Missile Systems Limited
- Mr. Arvind Mehra CEO & ED, Mahindra Aerospace, MD & CEO, Mahindra Aerostructures
- Mr. Maneck Eddie Behramkamdin, Executive Vice President & Business Head – Aerospace Division, Godrej Aerospace
- Audience Q&A
- Summing up

### 1330-1430 hrs

- NETWORKING LUNCH

### 1430-1530 hrs - Session 3

#### **RESILIENT & TRUSTED AEROSPACE SUPPLY CHAINS: FROM MSME's TO GLOBAL INTEGRATION**

Introduction of Dignitaries (MC)

##### **Chairman**

- Prof. Dr. C. G. Krishnadas Nair, President Emeritus, SIATI; Founder SIATI; Former Chairman & MD, HAL

Chairman's Opening Remarks

##### **Eminent Panelists**

- Mr. Jürgen Westermeier, President & Managing Director, Airbus India & South Asia
- Mr. Aravind Melligeri, Executive Chairman & CEO, Aequus
- Dr. Udayant Malhoutra, CEO & Managing Director, Dynamatic Technologies Limited
- Mr. Jitendra (JS) Gavankar, CEO & Country Head, Safran India
- Audience Q&A
- Summing up

### 1530-1630 hrs - Session 4

#### **NEXT-GEN WARFARE TECHNOLOGIES: AI, AUTONOMOUS SYSTEMS, CYBER & SPACE DEFENCE**

Introduction of Dignitaries (MC)

##### **Chairman**

- Mr. Girish Ramachandran, President – Growth Markets, Tata Consultancy Services (TCS)

Chairman's Opening Remarks

##### **Eminent Panelists**

- Air Marshal George Thomas AVSM, VM, AOC-in-C Western Air Command
- Lt. Gen Abhijit S. Pendharkar, AVSM, YSM, DGMO, Indian Army
- Dr. K. Rajalakshmi Menon, Distinguished Scientist & Director General (Aeronautical Systems), DRDO & Director, CABS
- Mr. Ashish Rajvanshi, CEO, Adani Defence & Aerospace
- Vice Admiral AN Pramod, AVSM VSM, Director General of Naval Operations
- Audience Q&A
- Summing up

### 1630-1730 hrs - Session 5

#### **DEFENCE EXPORTS AND GLOBAL COLLABORATIONS**

Introduction of Dignitaries (MC)

##### **Chairman**

- Dr. Jaiteerth Joshi, CEO & MD, Brahmos Aerospace Pvt. Ltd.

Chairman's Opening Remarks

##### **Eminent Panelists**

- Mr. Salil Gupte, President, Boeing India & South Asia
- Mr. Ankur Kanaglekar, Vice President, India – Thales
- Mr. Loïc Piedevache, Country Head – India Operations, MBDA Group
- Mr. Nilesh Tungar, CEO, Kalyani Strategic Systems Ltd.
- Audience Q&A
- Summing up

### 1730 hrs

- Tea / Coffee



**Theme: Future-Ready Airports: Smart, Sustainable & Passenger-Centric Aviation Ecosystems..**  
**September 11th, 2026 | Conference Hall Tejas, Exhibition Hall - 2**

## PROGRAMME

### 0930-1000 hrs

- Registration & Networking Tea

### 1000-1100 hrs - Session 1

#### AVIATION / CARGO SECURITY

### 1100-1200 hrs - Session 2

#### DRONE ECOSYSTEM

### 1200-1200 hrs - Session 3

#### CHALLENGES IN MRO SECTORS

### 1400-1500 hrs - Session 4

#### SUSTAINABLE & SMART AIRPORTS

### 1500-1600 hrs - Session 5

#### BUSINESS OPPORTUNITIES: AIRPORT-LED ECONOMIC ZONES: AEROTROPOLIS, REAL ESTATE ETC.

### Eminent Chairman & Speakers Expected in the Sessions: -

- Ms. Garima Singh – Jt. Director General, MoCA, Government of India.
- Ms. Vandana Aggarwal, IAS, Former Sr. Economic Advisor, MoCA, Government of India.
- Mr. Keku Bomi Gazder, MD and CEO, Aviapro Logistic Services Pvt. Ltd.
- Mr. Sanjiv Edward, CEO - Cargo and Logistics, GMR Group (DIAL).
- Mr. Vipin Vohra, Group Chairman, Continental Carriers Group.
- Mr. Smit Shah, President, Drone Federation India (DFI)
- Air Marshal K.A Ahamed Sanjeeb, Director General (Aircraft), IAF
- Mr. D. Anand Bhaskar, Managing Director & CEO, Air Works Group
- Mr. Sharad Agarwal, CEO, AI Engineering Service Limited
- Mr. Bharat Malkani, CEO, MAX MRO Services
- Mr. Dinesh Chand Sharma – Senior Joint DG, DGCA, GOI
- Mr. Jitendra Singh Rawat – Former Joint DG, (DGCA), GOI

- Mr. B. Bhaskar, Senior Director, GMR Group
- Mr. Vineet Gulati, Former Member (Air Navigation Services), Airports, Authority of India
- Mr. BVJK Sharma, CEO, Navi Mumbai Airport
- Mr. Prabhat Mahapatra, Chief Operating Officer, Navi Mumbai International Airport Ltd.
- Mr. Satyan Nair, Secretary General, APAO
- Mr. Sridhar L, AVP & Head ESG, BIAL
- Ms. Kiran Jain, COO, Noida International Airport
- Mr. Manu Gopalakrishna Pillai, Airport Director, CIAL.
- Brigade Group Representative
- KPMG Representative

Convener for Sessions on Aviation / Cargo Security, Drone Ecosystem & Challenges in MRO Sectors.

Group Capt. (R) Mr. Aurobindo Handa, Former Director General, AAIB, MoCA, GOI.

## BUYER SELLER MEET - AEDEX + AIRPORT

An Opportunity to Meet and Interact with the Industry Leaders  
 September 11th, 2026 | Conference Hall Blue

Buyer Seller Meet is a Bridge between Industry Requirements and Vender Opportunities. It will be a programme connecting OEMs, Defence PSUs, Armed Forces, Government Agencies and Private Sector Buyers with MSMEs, Startups and Tier-II/Tier-III suppliers.

Presentations will be from:

- Defence PSUs
- Armed Forces Procurement Wings
- Aviation Companies
- Aerospace OEMs
- Private defence manufacturers
- Airports

| Programme      | Time                  |
|----------------|-----------------------|
| <b>AEDEX</b>   | <b>1400-1545 Hrs.</b> |
| <b>AIRPORT</b> | <b>1615-1800 Hrs.</b> |

## Exhibitors (as on July 7, 2026)

- 3M India Ltd.
- Adroitec Information Systems Pvt. Ltd.
- ADS Dynamics Pvt. Ltd.
- Advanced Weapons and Equipment India Ltd.
- Aeronautical Society of India (AeSI)
- Aeronautics and Defence Technologies
- Aerotics Technologies LLP
- AeroTime
- Air Cargo Forum India (ACFI)
- Ajaba Aerobotics Pvt. Ltd.
- Ajay Kumar Garg Engineering College
- AK Consulting
- Alloy Metal Surface Technologies
- Ametek Instruments India Pvt. Ltd.
- Ami Polymer Pvt. Ltd.
- Amphenol Interconnect India Pvt. Ltd.
- Ananya Technologies Pvt. Ltd.
- Anritsu India Pvt. Ltd.
- Antara AeroSystems LLP
- Austin Engineering Company Ltd.
- Auto Firex LLP
- Aviasafe Aviation Services Pvt. Ltd.
- Aviation & Defence Universe
- Aviation Guide
- AXNES
- Bajrang UAV (OPC) Pvt. Ltd.
- Bharat Electronics Ltd. (BEL)
- Big Bang Boom Solutions Pvt. Ltd.
- Blue Star Engineering & Electronics Ltd.
- BMI Vacuum Furnaces
- BNN Communication Engineers Pvt. Ltd.
- Bosch Rexroth India Pvt. Ltd.
- Captain Tractors Pvt. Ltd.
- Cargo Pavilion by Air Cargo Forum India (ACFI) (about 10 companies)
- Chaithanya Engineering Industries
- CHARA Automation and Solutions Pvt. Ltd.
- Chipspirit Technologies Pvt. Ltd.
- Cochin International Airport Ltd. (CIAL)
- Crescent Foundry Company Pvt. Ltd.
- CryoTech Co. Ltd.
- CSIR - National Aerospace Laboratories (NAL)
  - o CSIR - Central Electronics Engineering Research Institute (CEERI)
  - o CSIR - Fourth Paradigm Institute (4PI)
  - o CSIR - National Institute for Interdisciplinary Science and Technology (NIIST)
  - o CSIR - National Physical Laboratory (NPL)
- DeltaT Aerospace Pvt. Ltd.
- Denfab Consulting Engineers Pvt. Ltd.
- Directorate General of Quality Assurance (DGQA), Department of Defence Production, Ministry of Defence
- Divyanshi Aviation Services Pvt. Ltd. & Vandana Aircraft Services Pvt. Ltd. (Visitor Badge & Lanyard Sponsor)
- DRDO - Defence Research And Development Organisation (alongwith 10 Labs)
- Driif AI Pvt. Ltd.
- Drone Federation India (DFI)
- Drone Pavilion by Drone Federation India (DFI) (25 companies)
- DYNASET Oy
- Eastman Exports Inc.
- Ecoearth Solutions Pvt. Ltd.
- Electronic Era
- Engineering Review & Machine Tools World
- Excel Rapidtech Pvt. Ltd.
- Exver Aviation
- Feed Story Media LLP
- Ficep Tech India Pvt. Ltd.
- Fokal
- Forgings Today
- Gliders India Ltd.
- Halma India Pvt. Ltd.
- HCL Software
- HHV Thermal Technologies Pvt. Ltd.
- Hindustan Aeronautics Ltd. (HAL)
- HMH Metal Industries Ltd.
- Icon Power Solutions Pvt. Ltd.
- Icons Hindustan Aerospace & Defence Systems Pvt. Ltd.
- ILXS Pvt. Ltd.
- India Strategic
- Indian Space Research Organisation (ISRO)
- Industry Outlook
- Isgec Heavy Engineering Ltd.
- Jeanuvs Pvt. Ltd.
- Jindal Steel Ltd.
- JSC IT Concepts India Pvt. Ltd.
- Khandelwal Udyog

## Exhibitors (as on July 7, 2026)

- Khatod Optoelectronic
- KLED IoT Sensing Pvt. Ltd.
- Knowell Enterprises Pvt. Ltd.
- Laversab India Aviation Pvt. Ltd.
- Maarg Technologies RVI-NDT Pvt. Ltd.
- Madras Hardtools Pvt. Ltd. - MHT
- Maintonia
- Measure India Corporation Pvt. Ltd.
- Mecvel Technologies Pvt. Ltd.
- Millenia Technologies (I) Pvt. Ltd.
- Motorola Solutions India Pvt. Ltd.
- Mouldspex India Pvt. Ltd.
- M-Tech Innovation Ltd.
- Multisphere Power Solutions Pvt. Ltd.
- Naabhya Interconnect LLP
- Navi Mumbai International Airport
- Neodrive Technologies
- Neometrix Defence Ltd.
- Neterwala Group, Metallurgy Division
- Nischal Engineering Co. Pvt. Ltd.
- Novatechnocast Pvt. Ltd.
- Ontario & Ottawa States, Canada, Ministry of Economic Development, Job Creation and Trade (9 companies)
- Paras Wires Pvt. Ltd.
- Pashupatastra Sarvyn Technologies Pvt. Ltd.
- PEI-Genesis Connectivity Solutions India Pvt. Ltd.
- PHPL Defence and Aerospace Systems Pvt. Ltd. (PDAL)
- Powertec Supplies India Pvt. Ltd.
- Print Pack Labels LLC
- Prism Surface Coatings Pvt. Ltd.
- Promelectronica Trading Pvt. Ltd.
- Protectron Electromech Pvt. Ltd.
- Purple Sketch
- QV Strategic Consulting LLP
- R.J. Industrial Corporation Pvt. Ltd.
- Rail Analysis
- Raksha Anirveda
- Ray-Q Interconnection Technologies India Pvt. Ltd.
- RF Electronics
- Rotary Connectors Pvt. Ltd.
- Rotodyne Fluid Technic
- Royal Tech Engineers
- SBEM Pvt. Ltd.
- Security Middle East Magazine

- Seventh International
- SFI Mechatronic Solutions Pvt. Ltd.
- Shree Meenakshi Polymers
- Shree Rapid Technologies
- Siddhi Engineers
- Sidwal Refrigeration Industries Pvt. Ltd.
- Skeyebots
- South Asia Defence & Strategic Review
- Sparsh CCTV
- SSI Cables Pvt. Ltd.
- SSS Defence
- Starrag India Pvt. Ltd.
- Start-up Pavilion (10 companies)
- Stellar Invictus Pvt. Ltd.
- Sudarshan Gears
- Surface Finishing Equipment Company
- Tata Advanced Systems Pvt. Ltd.
- Tecknotrove Systems (India) Pvt. Ltd.
- Testo India Pvt. Ltd.
- Top Gear Corporation Ltd.
- Trimiti Innovations Pvt. Ltd.
- Trokut Solutions Pvt. Ltd.
- TSG Test Ranges Pvt. Ltd.
- Turbo India Interconnect Solutions LLP
- V3 Novus Pvt. Ltd.
- Winflex Converting Solution
- WOL3D India Ltd
- 99 Business Media Group

and many more joining regularly....

### Note:

Confirmed International Participation from:

- Australia
- Canada
- Finland
- France
- Norway
- Singapore
- South Korea
- UAE

International Participation Under Discussion with:

- Germany\*
- Italy\*
- Netherlands\*
- Russia\*
- USA\*

Product and Company Profiles of Few of the Exhibitors

ADS DYNAMICS PVT. LTD.

ADS Dynamics Pvt Ltd is a proud 'Make in India' initiative, manufacturing high-quality ammunition for the Indian Army. We contribute to India's defence self-reliance with innovative solutions and robust supply chains.



The 81mm HE (High Explosive) shell is a standard mortar round designed for anti-personnel and light material targets. It serves as the primary "workhorse" for infantry fire support due to its balance of weight and lethality.

- Features a streamlined, teardrop-shaped steel body filled with high-energy explosives (like TNT or Composition B).
- Effectiveness: It creates a lethal burst radius of approximately 30 to 35 meters, providing effective suppression and destruction of soft targets.
- Range: Depending on the mortar system and propellant charges used, it can reach targets up to 5,000+ meters away.



The 105mm HE (High Explosive) shell is a staple of modern field artillery, primarily used by howitzers like the M119 or M101. It is designed to bridge the gap between light mortars and heavy 155mm cannons, offering a potent mix of mobility and destructive power.

- Composition: Typically consists of a high-grade steel forged body packed with roughly 2.3 kg (5 lbs) of explosive filler, such as TNT or Comp B.
- Lethality: On detonation, the shell generates a lethal "fragmentation zone" of roughly 30x50 meters, effective against infantry, unarmored vehicles, and field fortifications.
- Range: Standard rounds can reach targets approximately 11,500 meters away, while rocket-assisted versions extend much further.



The 120mm HE (High Explosive) shell is a heavy-duty projectile used primarily by main battle tanks (like the M1 Abrams) and heavy mortar systems. It represents a significant jump in lethality, designed to demolish reinforced structures, bunkers, and armored personnel carriers.

- Payload: These shells carry a massive explosive charge, often exceeding 7 kg (15 lbs) of high-grade explosives, producing a devastating blast overpressure.
- Lethality: The fragmentation radius is extensive, typically neutralizing targets within a 60-meter to 70-meter diameter.



The 122mm HE (High Explosive) shell is the standard projectile for the Soviet-designed D-30 howitzer, one of the most widely used artillery pieces in the world. It is a rugged, reliable round designed for neutralizing personnel, destroying field fortifications, and suppressing batteries.

- Construction: The shell typically contains around 3.5 kg to 4.2 kg of high-explosive filler (TNT or A-IX-2) housed in a thick, fragmenting steel body.
- Performance: It delivers a lethal fragmentation radius of approximately 40 to 45 meters, offering a significant power boost over 105mm systems.
- Range: It achieves a standard range of 15.4 km, which can be extended to nearly 22 km with rocket-assisted projectiles.



The 152mm HE (High Explosive) shell is the primary heavy-hitting projectile for the Soviet-designed D-20 gun-howitzer. As a staple of heavy artillery.

- Destructive Power: It typically carries between 6 kg and 9 kg of high-explosive filler (like TNT or A-IX-2), roughly doubling the explosive mass of the 122mm round.
- Lethality: Upon detonation, it creates a lethal fragmentation zone of approximately 50 to 70 meters, with a massive blast overpressure radius.
- Loading: It uses a separate-loading system, where



the projectile and the brass/steel cartridge case containing the propellant are loaded individually.

- Range: The standard shell reaches approximately 17.4 km.

The M107 155mm HE shell is one of the most iconic and widely used artillery projectiles in history, serving as the standard high-explosive round for Western forces for decades. Though being phased out by the more aerodynamic M795, it remains a benchmark for reliability.

- Composition: A hollow steel forging filled with approximately 6.6 kg (14.6 lbs) of TNT or Composition B.
- Lethality: Upon impact, the thick steel walls shatter into approximately 1,950 fragments, creating a lethal casualty radius of roughly 50 meters.
- Range: Fired from a standard 39-caliber barrel (like the M109 howitzer), it reaches a maximum range of about 18 kilometers.



| Caliber      | Payload (Approx.) | Lethal Radius | Primary Use                   |
|--------------|-------------------|---------------|-------------------------------|
| 81mm         | 0.6 kg            | 35m           | Infantry Support (Mortar)     |
| 105mm        | 2.3 kg            | 40m           | Light/Mountain Artillery      |
| 122mm        | 3.8 kg            | 45m           | Divisional Artillery (D-30)   |
| 152mm        | 8.0 kg            | 60m           | Heavy Corps Artillery (D-20)  |
| 155mm (M107) | 6.6 kg            | 50m+          | NATO Standard Field Artillery |



AEROTICS TECHNOLOGIES LLP

Aerotics Technologies LLP is an innovative technology company specializing in aerospace engineering, drone solutions, technical documentation, software development, and localization services. The company supports aviation, aerospace, engineering, and technology-driven industries by delivering high-quality technical and digital solutions that enhance operational efficiency and innovation.



With expertise in international documentation standards such as S1000D and ATA iSpec 2200, Aerotics provides comprehensive technical documentation and engineering support for complex aerospace systems. The company also offers advanced drone solutions including pilot training, agricultural drone applications, and UAV-based industrial services.

By combining engineering expertise, digital innovation, and industry knowledge, Aerotics Technologies helps organizations optimize processes, improve technical communication, and adopt emerging technologies. Through its commitment to quality, innovation, and reliability, the company continues to contribute to the advancement of aerospace and technology ecosystems in India and globally.

TECHNICAL DOCUMENTATION

- Aerotics Technologies LLP provides end-to-end technical documentation for aerospace, Defense, and engineering industries.
- Our team develops operation, maintenance, and illustrated parts documentation in compliance with S1000D, ATA iSpec 2200, and ASD STE100, ensuring standardization and interoperability across fleets.
- The manuals are engineered to enhance maintainer comprehension, reduce ambiguity, and support safe and reliable mission execution.
- By integrating domain expertise with structured authoring and efficient configuration control, Aerotics improves documentation accuracy, regulatory compliance, and turnaround time for complex, safety critical systems.
- Aerotics Technologies Provides end to end drone solutions from custom

manufacturing and expert training to large-scale agricultural services that deliver measurable results.

#### DGCA APPROVED PILOT TRAINING:

- Developed 800+ Drone Pilot in the VLOS Cat01 Small & Medium for Indian Drone Eco system at our DGCA approved RPTO organisation.
- Certified instructors deliver DGCA aligned ground school and practical flying, including simulator sessions, maintenance familiarization, and emergency procedures, to build operator competence and safety culture.
- Training emphasizes regulatory compliance, airspace awareness, and responsible deployment in both civil and security sensitive environments.



#### DRONE AS A SERVICES:

- Aerotics provides Agricultural Drone services (spraying and seeding) throughout India for more than 30+ crop varieties including Coconut, Rubber, Banana, Areca nut etc.
- Aerotics supported drone spraying operations provide precision application of agro chemicals, reducing operator exposure, optimizing coverage, and improving mission efficiency for large area assets and critical infrastructure.

#### SOFTWARE DEVELOPMENT

- We offer professional development services focused on delivering structured and efficient technical information systems.
- We develop applications that operate seamlessly in both connected and restricted environments.
- Our platforms enhance usability, collaboration, and overall operational efficiency.
- We also provide customized software solutions tailored to meet specific business needs and requirements.

#### ENGINEERING SERVICE

- Aerotics Technologies provides engineering services for product development, manufacturing, and technical operations.
- Our capabilities include 2D drafting and 3D CAD modeling for complex assemblies, tooling, and ground support equipment, ensuring design intent and manufacturability.
- We assist with material compliance, design optimization, and documentation required for certification and production release.
- Aerotics helps customers accelerate development cycles, improve reliability, and maintain traceability and compliance with applicable industry and defense standards.

[www.aeroticstechnologies.com](http://www.aeroticstechnologies.com)

#### AKC AEROTECH (A BRAND OF AK CONSULTING)

AKC Aerotech (a brand of AK Consulting), Established in 2007 is an ISO-9001-2015-QMS-certified company, is India's leading provider of Airport Ground Lighting and Photometric Testing services. Partnering with global pioneer Argos Ingegneria, we serve 40+ airports nationwide, delivering ICAO-compliant solutions. With 18 years of excellence, we set benchmarks in innovation, safety, and women-led leadership in aviation infrastructure.



Our company focus on precision safety and expertise in the specialized field of AGL and Photometry systems. We are authorised representative of Argos Ingegneria in India, who is the international provider of Photometric testing equipment all over the world.

**SMF/Mobile** is the mobile photometric measurement system of AFL equipment, designed, developed and manufactured to perform the measurement of airfield lights on the move along runways and taxiways in non-stop mode in compliance with ICAO/EASA recommendations.



**SMF/LAB** is a Workshop instrument for indoor photometric measurement of airfield lights. SMF/Lab can be supplied with portable dark room including control console as well as a dedicated power supply for halogen and LED lights.



**SMF/Sign** is a Photometric Measurement System for Vertical Guidance Sign. It is a new generation automatic instrument, consisting of a digital camera and a PC able to perform extremely fast and accurate measurements of illuminated airfield vertical signs photometric parameters.



**SMF/Table** is a Hand Use Photometric Measurement System. It is a hand use instrument to measure infield lights not reachable by conventional mobile systems, working without a supporting vehicle.



**SMF/AFM** (Apron Floodlights Measurement) is a Vehicle mounted system for Apron floodlighting photometric measurement. SMF/AFM is the instrument for the photometric measurement of Apron Floodlighting Systems with reference to ICAO/EASA/FAA recommendations.



**SCARECROW B.I.R.D. TAB™** is a dynamic and comprehensive solution to airports' bird dispersal. Scarecrow's bird management products use bio-acoustic technology, which is the evolutionary communication method used by birds to warn of immediate danger, to disperse birds harmlessly and humanely.



[www.akcaerotech.com](http://www.akcaerotech.com)

#### ALLOY METAL SURFACE TECHNOLOGIES

We are a leading manufacturer and supplier of a comprehensive range of thermal spray equipment. Our portfolio includes advanced HVOF (High-Velocity Oxy-Fuel) systems, Twin Wire Arc Spray equipment, Wire Flame Spray systems, Powder Flame Spray systems, Plasma Spray equipment, and more. In addition, we offer a wide selection of high-quality coating materials in both powder and wire forms, such as Ni-Al, SS420, and other specialized alloys, to meet diverse industrial coating requirements.



In addition to thermal spray equipment, we offer a complete range of complementary surface preparation solutions. These include Acoustic Chambers designed to significantly reduce noise levels during the coating process, grit blasting machines, and advanced Robotic and CNC Shot Peening systems. Our turnkey project capabilities cover the entire coating setup-from acoustic chambers with integrated dust collectors to robotic gun manipulators, job-handling turntables, thermal spray equipment, and compact blasting cabinets-delivering fully integrated and ready-to-operate solutions.

[www.alloymstech.com](http://www.alloymstech.com)

AMETEK India is the Indian subsidiary of AMETEK Inc., a leading global manufacturer of electronic instruments and electromechanical devices. Operating in India since 2009, AMETEK India has expanded significantly, including its state of the art facility in Bengaluru, which acts as a hub for innovation and customer support across industries such as aerospace, defence, metrology, power, materials analysis, and more.

Globally, AMETEK Aerospace & Defense delivers engineered solutions for the most demanding mission critical programs. Its portfolio spans engine and airframe sensors, power generation and distribution systems, rugged embedded computing, RF measurement, motion control, fluid and gas transfer, high speed fans, and advanced thermal management systems. These solutions serve core markets including commercial aerospace, space, military aircraft, ground vehicles, business jets, rotorcraft, eVTOL and UAVs.

**AMETEK PROGRAMMABLE POWER** (Sorensen™, Elgar™, California Instruments™) provides precision AC/DC sources, bidirectional /regenerative systems and electronic loads used throughout aerospace R&D, ATE, and compliance labs—especially for avionics verification and EMC compliance testing. Public materials explicitly reference use in avionics and EMC test environments, underscoring suitability for workflows aligned to DO 160, MIL STD 704 etc. These Power Supplies are used for Aircraft electronics validation and environmental stress testing, helping engineers accelerate qualification and ensure mission critical reliability. These capabilities help engineers qualify flight critical hardware with accuracy and reliability



**AMETEK AIRTECHNOLOGY** is a Design to Manufacture business specialising in designing, developing and manufacturing custom-made Thermal Management Systems and Motion Control solutions for Aerospace, Defence and Oil & Gas industries.



**AMETEK EIP** is a world leader in a wide range of material technologies, including metals, glass, ceramics, and plastics. AMETEK EIP has the unique expertise required to design, custom manufacture, and scale tailored solutions using any material or combination of materials a specific application may require.



**TAYLOR HOBSON** is the world leader in surface and form metrology and developed the first Roundness and Surface Finish measuring instruments. We are pioneers, continually developing our products to meet the ever-increasing demands of next generation technologies, particularly in Optics, Bearings, Space, Defence, Aerospace, Automotive, Medical and Renewable Energy technologies.



Phantom high-speed cameras empower R&D teams, engineers and researchers worldwide in ballistics, automotive, aerospace, biomechanics, materials science and academia to optimize designs, solve complex challenges and push the boundaries of what's possible.



Haydon, Kerk and Pittman are three world class AMETEK brands that supply advanced linear and rotary motion solutions to a diverse mix of global customers. We are recognized as a leading manufacturer of brushed and brushless DC motors, stepper motor based linear actuators, precision Acme lead screw and anti-backlash nut assemblies, linear rail and guide systems, gearmotors, drives and complete custom automation sub-systems.



[www.ametek.com](http://www.ametek.com)

Since 1998, APPL is in the business of Silicone Elastomeric products and also, other Polymeric components which ultimately provide solutions to Fluid Transfers, Sealing, and Contamination controls for Biopharma, Pharma, Medical, Laboratory, Food, Beverages, and Engineering sectors worldwide.



**Ami Polymer**

APPL is having ISO Class VII and ISO Class VIII Cleanroom facilities certified with ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 27001:2013, ISO 13485:2016. We also have a BPOG extractables program for our products for regulatory markets worldwide.

The company believes in "Be in business with ethics" and assure Quick Development, Fastest Delivery, Ultimate Quality and also very Competitive Rates.

APPL has world-class manufacturing technology with end-to-end process capabilities to fulfill the needs of customers. which include Extrusion Technology with Laser Controlled system, Automatic Hose Production lines, Plastic Extrusion Lines, Automatic Hydraulic Presses for Elastomers & Polymeric components, Laboratory with R&D Equipment, In-house Tooling & Mould making machinery, Laser Cut Machines, and Online Printing as well as Marking systems on products.

Over the years the Company expanded its capacity of manufacturing by adding a huge facility that provides end-to-end solutions to our clients worldwide. Our products are available across the globe directly and through the distribution networks.

AMI Polymer Pvt. Ltd. is a well-known Indian manufacturer of high-quality polymer tubings used in pharmaceutical, biopharma, medical, food & beverage, and industrial applications. The company specializes in silicone, TPE, and fluoropolymer tubings that are designed for safe and efficient fluid transfer. Their tubings are valued for properties such as flexibility, chemical resistance, thermal stability, and compliance with international standards like FDA and USP Class VI. AMI Polymer tubings are commonly used in sterile processing, peristaltic pump systems, and critical fluid handling where reliability and hygiene are essential.



AMI Polymer Pvt. Ltd. manufactures a range of high-quality polymer-based hoses designed for demanding fluid transfer applications in industries like pharmaceuticals, biotechnology, food and beverage, and chemical processing. Their hoses are typically made from platinum-cured silicone rubber reinforced with materials such as polyester braiding, stainless-steel 316L helical wire, or a combination of both to provide strength, flexibility, and resistance to pressure and vacuum conditions. The product lineup includes variants such as platinum-cured silicone hoses with polyester reinforcement, silicone hoses reinforced with stainless-steel wire, and multi-reinforced hoses with both braiding and wire, all engineered to handle critical liquid transfer, high vacuum and high pressure conditions while maintaining compliance with international standards like FDA and USP Class VI. These hoses are used where reliable, sterile-grade fluid handling is required, and can be sterilized by autoclave, ethylene oxide gas, and gamma radiation to suit sterile processing environments.



AMI Polymer Pvt. Ltd. offers a comprehensive range of single-use assemblies designed for aseptic fluid handling in biopharmaceutical, pharmaceutical, and biotech processes. These single-use systems are pre-sterilized, gamma irradiated assemblies made up of high-purity tubing, connectors (like Y, T, X, and straight connectors), aseptic fittings, manifolds, sampling and filling units, and other fluid path components that are assembled and packaged in cleanrooms to ensure sterility and compliance with quality standards.



APPL offers a wide range of silicone extruded door gaskets in more than 1000 different shapes and designs. (In round and square types). These extruded door gaskets (Autoclave) are made from food-pharma grade pure silicone rubber which can easily withstands a temperature range of -80oC to 250oC.



APPL extruded gaskets are available in square cross sections like 6mm x 6mm, 8mm x 8mm, 10mm x 10mm, 20mm x 20mm, 25mm x 25mm etc...

#### **IMASAFE® REUSABLE MENSTRUAL CUP**

Is a best Menstrual Hygiene device that is inserted into the vagina during menstruation. Its purpose is to collect menstrual fluid.

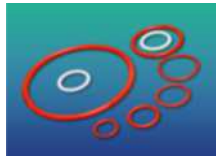


A menstrual cup is a type of reusable feminine hygiene device. It's a small, flexible funnel-shaped cup made of 100% medical-grade liquid silicone rubber that you insert into your vagina to catch and collect period fluid.

Imaseal® is made from advance grade silicone rubber conforms to FDA 21 CFR 177.2600 for food grade criteria suitable for various sealing applications. These inflatable seals starts inflation range from 5mm to 20mm when 2-3 BAR pressure is applied after installation in door. Available with static Dissipative Formulation (107 to 109 cm).



Ami Polymer Pvt. Ltd, offers it's wide range of O-Rings from 1.0 mm ID to 600 mm ID from its 5000 single piece moulds. APPL's O-Rings are manufactured on a hydraulic press with tightly controlled temperature, pressure and time which ensures accurate dimensions, glossy finish and invisible flash line, properly post cured and absolutely defect free articles.



These O-Rings are also manufactured as per the dimensional tolerance specified by the customers and available in different polymer range.

We also manufacture Viton O-Rings from 1mm ID - 3000 mm ID or in any sizes through step moulding process which gives joint less O-Rings of dimensionally accurate & excellent workmanship and finish.

We have in-house CNC & VMC machines to manufacture mould.

ImaFeed™ Reusable Baby Feeding Cup, designed to offer safe and controlled infant feeding. Perfect for babies 34 weeks and older, this cup makes it easy to feed colostrum, expressed breast milk, or formula. The 45 ml round cup, which is made from transparent medical-grade silicone, not only ensures safety but also provides exceptional comfort.



#### SILICONE BELLOWS

With the support of talented professionals, we are passionately engaged in offering high quality Silicone Bellows. Widely demanded in the industry, the offered bellow is highly used for protecting machine parts from dust and corrosion. Keeping in mind the varied requirements of our precious clients, we make available this bellow in various technical specifications. Moreover, our respected clients can avail this from us at industry leading prices.



Sifters usually use vibration energy or a combination of Vibration & ultrasonic energies to achieve screening. The MESH are held in tension, making it easier for material to move in the direction of the vibration. This could be in horizontal or vertical direction, Depending on the type of material you wish to process, the screen structure uses the FDA approved seals to prevent cross contamination of the products in sieves.



[www.amipolymer.com](http://www.amipolymer.com)

#### ANRITSU INDIA PVT. LTD.

Anritsu is a global leader in test and measurement solutions with about 130 years of experience. Headquartered in Japan, Anritsu Corporation has been providing solutions to support both current and next-generation wired and wireless communication systems. Our products range majorly from wireless, optical and microwave/RF for R&D, manufacturing, installation, and maintenance.

**Anritsu**  
Advancing beyond

The Microwave Site Master S820E family with frequency options covering 1 MHz - 8, 14, 20, 30, and 40 GHz, is the world's most advanced Site Master ever developed. Available Vector Network Analyzer (VNA) and Vector

Voltmeter (VVM) options allow users to easily expand the S820E's versatility at any time. Adding options to the S820E is hassle free, simply purchase the desired option(s) and install the option activation key(s) provided by Anritsu. No need to send the instrument into a service department because all hardware and calibrations required are already built into the S820E before it leaves the factory.



#### SITE MASTER HANDHELD CABLE AND ANTENNA ANALYZER WITH SPECTRUM ANALYZER AND VNA OPTION - MS2085A-MS2089A

Site Master cable and antenna analyzer with spectrum analyzer and VNA option is the ideal instrument for installing, maintaining and troubleshooting RF communication systems up to 6 GHz



#### FIELD MASTER™ - MS2080A

Handheld RF spectrum analyzer with 4 GHz and 6 GHz frequency range, optional RTSA, tracking generator, cable and antenna analyzer, interference hunting, 5G/LTE base station testing



#### REMOTE SPECTRUM MONITOR - MS2720XA

Remote Spectrum Monitor for wide area spectrum surveillance up to 54 GHz with IQ streaming up to 110 MHz bandwidth and supporting PC control software



#### RF/MICROWAVE SIGNAL GENERATOR - MG362X1A

Rubidium delivers unmatched signal purity, output power, frequency stability and exceptional utility for a broad range of measurement applications across 9 kHz to 70 GHz frequency range



#### VECTOR SIGNAL GENERATOR - MG3710E

The Vector Signal Generator MG3710E is a best-of-class, multi-function, signal generator with excellent RF and baseband performance



[www.anritsu.com/en.in](http://www.anritsu.com/en.in)

#### AUSTIN ENGINEERING COMPANY LTD.

**HISTORY :** Promoted exclusively by technocrats 52 Years ago, the Company has been growing leaps and bounds with the active support from our esteemed customers without whom we could not be where we are today. We take pride in the fact that ours is the only Public Limited Company in Indian bearing manufacturing scene which has from inception no foreign tie-up/collaboration whatsoever, and exclusively relied on its own expertise. This set-up was first established as partnership firm, then made to Private Limited Company and 30 years ago was converted into a Public one, having been listed in Mumbai Stock Exchange.



**MANUFACTURING RANGE:** Widest range in India (numbering 4000) covering all types and configurations/derivatives of rolling bearings viz: Ball/Cylindrical/Taper/Needle/Spherical Roller Bearings etc.

**PRESENT RANGE CAPACITY OF MANUFACTURE:** Bearings having bore dia from 10mm to 500 mm and outside dia from 22 mm to 1500 mm, weighing right from 20 grams to 1000 kgs.

We are regularly supplying, on repeat basis, our bearings to various prestigious OE customers including Indian Defence, HAL, ISRO, BHEL etc. since more than 3 decades.

#### QUALITY MANAGEMENT SYSTEM/CERTIFICATES:

Awarded with ISO/TS 16949:2002 (includes designing of bearings) by TUV

Rheinland – Germany with RHPS Certification.

**"AEC" HEAVY DUTY ROLLER BEARINGS FOR INTEGRATED STEEL PLANTS, ROLLING MILLS & SPONGE IRON PLANTS:** Widely used in Blast Furnaces \* Hot/Cold Rolling mills \* Continuous Casting Plants – slab/Ballets/Bloom\* Wire Rod Mills \* Heavy Material Handling Equipments \* Double Stage Reduction Gear Box \* We undertake refurbishing of Large Bearings.

**EXPORTS:** We have been exporting our bearings to such developed countries as the UK, the USA, ITALY etc.



[www.aec.com](http://www.aec.com)

## AUTO FIREX LLP

AutoFireX emerged from the collective expertise of a team comprised of seasoned professionals in the fire protection industry and Fire Protection Engineers, boasting a cumulative experience of over 65 years. Our inception was driven by a commitment to address the market void by delivering dependable, cost-effective, and standalone Automatic Fire Suppression systems.

Our AutoFireX DLP, ILP and FDT Pre Engineered Systems, in addition to the DHP, IHP and Kitchen Fire Suppression Systems, epitomize dependable, cost-effective standalone Automatic Fire Suppression solutions. Harnessing cutting-edge technologies and a range of fire suppression agents, these systems are meticulously designed to meet specific application protection requirements and rigorous standards. Our comprehensive product portfolio not only ensures early detection and suppression of fires but also plays a pivotal role in minimizing losses, reducing downtime, enhancing productivity, requiring minimal maintenance, and delivering exceptional long-term return on investment. Manufactured and assembled in strict accordance with the latest ISO quality and environmental standards, our top-performing systems undergo rigorous testing and approval processes by various authorities, ensuring the highest standards of quality.

**AutoFireX® DLP** Systems deliver next-generation protection by combining smart heat detection with rapid discharge to stop fires instantly and automatically. Designed for mission-critical environments, the DLP range uses trusted clean agents like HFC227ea and FK-5-1-12, ensuring

effective knockdown without residue or equipment damage.

Engineered for compact, high-risk enclosures, the AutoFireX® DLP system uses a sensitive detection tube that responds the moment temperatures rise. When exposed to flames, the tube bursts at the hottest point, releasing the clean agent directly onto the fire and flooding the enclosure. This automatic action protects valuable assets without needing power, electronics, or manual involvement.

### Ideal Applications:

Electrical panels, server racks, telecom shelters, ATMs, CNC machines, DG cabinets, lithium-battery and BESS units, lab hoods, automation systems, and other compact enclosures needing fast, precise suppression.

**AutoFireX® ILP** Systems deliver powerful, reliable protection for larger or complex enclosures by using a network of discharge nozzles to spread the agent evenly across the entire space. Designed for high-risk industrial and commercial environments, the ILP range supports multiple agents including ABC Dry Chemical Powder, Foam, and Clean Agents making it adaptable to diverse fire hazards.

Activated through a heat-sensing detection tube, the system triggers automatically when temperatures rise. The tube ruptures near the fire, releasing pressure that opens the valve and sends the agent through dedicated piping and nozzles for complete area coverage. This delivers fast, uniform suppression without power, electronics, or manual input.

Ideal for engine compartments, machinery spaces, electrical rooms, battery storage, commercial kitchens, and larger enclosures needing full flooding protection.

The **AFX AutoMod Automatic Fire Suppression** System delivers tailored fire protection with ceiling-mounted agent containers, advanced detection devices, and a robust suppression network.

Unlike traditional systems, it saves floor space and avoids structural changes, ensuring safety without compromising your workspace.

Its versatile detection module supports smoke, beam, or heat detectors, allowing customization to your needs. All detectors integrate seamlessly with the central control panel for smooth operation.

The system's piping and nozzles target high-risk areas, providing total flooding coverage for fast fire control. Manual activation via the control panel adds flexibility and ease of use.

Whether automatic or manual, the AFX AutoMod ensures rapid fire suppression with exceptional efficiency.

This **Linear Pneumatic Heat Detection tube** when installed in a small enclosure, filled with fire suppressing agent and pressurised with Nitrogen, will detect heat/fire in the range of 85°C to 135°C. On impingement with this heat/fire, the tube ruptures at the hottest point, forming a dispensing Nozzle, from which the pressurised agent is discharged instantly directly on the source of the heat/fire extinguishing it instantly and flooding the area with the agent, thereby mitigating any spread or reignition of fire.

By utilising a pressure switch attached to the tube via an EOL on one end and interfacing with any existing FACP or Audio-Visual Alarm unit the activation of the unit can be annunciated, or functions like tripping the power supply or switching on/off ventilation etc. can be also achieved.

This automatic Fire detection & suppression is a standalone reliable and simple system that doesn't require other hard wares or power input to activate and requires no maintenance.

**PIXY** is designed to stop fires at their earliest stage-right where they start. Most suppression systems focus on large areas, but fail to protect microenvironments such as electrical appliances, MCB panels, and compact machinery. PIXY fills this critical gap with a fast, self-activating solution built for small, high-risk zones.

At its core is proven sprinkler glass-bulb technology. The heat-sensitive ampoule bursts the moment temperatures reach dangerous levels, instantly releasing a clean, non-conductive extinguishing



agent directly at the source of ignition. With no wires, electronics, or external power needed, PIXY delivers reliable, immediate protection the moment a fire begins. Compact, precise, and maintenance-free, it ensures your most vulnerable assets stay safe from unexpected fire outbreaks.

[www.autofirex.co.uk](http://www.autofirex.co.uk)

## AVIASAFE AVIATION SERVICES PVT. LTD.

AviaSafe Aviation Services Pvt. Ltd. is a leading aviation Maintenance, Repair, and Overhaul (MRO) organization dedicated to providing high-quality maintenance solutions for aircraft safety and emergency equipment. Established in 2019 and headquartered in Mumbai and MRO facility are in Gurugram and Bangaluru, India, the company specializes in the inspection, testing, repair, overhaul, hydrostatic testing, and servicing of life-saving aviation components, including oxygen cylinders, life rafts, life vests, escape slides, fire extinguishers, oxygen masks, and survival equipment.

With a team of experienced aviation professionals and strong technical expertise, AviaSafe is committed to delivering reliable, cost-effective, and regulatory-compliant services that meet DGCA and international aviation standards. The company continuously invests in advanced facilities, skilled manpower, and quality systems to ensure the highest levels of safety, operational efficiency, and customer satisfaction.

Driven by a vision to become India's preferred MRO partner for aircraft safety equipment, AviaSafe Aviation Services supports airlines, operators, and aviation organizations across the aviation industry.

### OXYGEN CYLINDERS

Aviasafe Aviation Services Pvt. Ltd. specializes in the inspection, testing, maintenance, overhaul and certification of aircraft oxygen cylinders and associated components. The company provides comprehensive services, including hydrostatic testing, valve inspection and overhaul, cylinder refurbishment, leak testing, cleaning, painting, and regulatory compliance verification in accordance with approved maintenance data and aviation authority requirements.



### FIRE EXTINGUISHER (APU & CABIN)

Aviasafe Aviation Services Pvt. Ltd. provides specialized Maintenance, Repair and Overhaul (MRO) services for aircraft fire extinguishers used in commercial and general aviation. The company performs inspection, servicing, hydrostatic testing, refilling, overhaul, weighing, leak testing and certification of portable and installed fire extinguishers in accordance with approved maintenance manuals and regulatory requirements.



### LIFE VEST, SURVIVAL KIT

Aviasafe Aviation Services Pvt. Ltd. provides comprehensive Maintenance, Repair and Overhaul (MRO) services for aircraft life vests, Survival Kits ensuring their continued airworthiness and operational readiness. The company performs inspection, functional testing, inflation system checks, cylinder servicing, replacement of time-controlled components, cleaning, repair, repacking and certification in accordance with approved maintenance manuals and regulatory requirements.



### LIFE RAFT

Aviasafe Aviation Services Pvt. Ltd. provides specialized Maintenance, Repair, and Overhaul (MRO) services for aircraft life rafts, ensuring their

reliability, airworthiness, and compliance with aviation safety requirements. The company performs scheduled inspections, inflation and pressure testing, emergency equipment checks, replacement of life-limited components, repairs, repacking and certification in accordance with approved maintenance manuals and regulatory standards.



Equipped with dedicated servicing facilities and experienced technical personnel, Aviasafe verifies the operational readiness of life rafts and associated survival equipment to ensure effective performance during emergency water evacuations.

### ESCAPE SLIDES

Aviasafe Aviation Services Pvt. Ltd. provides specialized Maintenance, Repair and Overhaul (MRO) services for aircraft emergency escape slides and slide/raft systems. The company performs scheduled inspections, operational testing, inflation and pressure checks, overhaul, repair, repacking and replacement of life-limited components in accordance with approved maintenance manuals, manufacturer specifications, and regulatory requirements.



Utilizing dedicated servicing facilities, specialized test equipment, and highly trained technicians, Aviasafe ensures that escape slides remain fully functional, airworthy, and ready for deployment during emergency evacuations.

### PBE / SMOKE HOOD

Aviasafe Aviation Services Pvt. Ltd. provides specialized Maintenance, Repair and Overhaul (MRO) services for aircraft PBE / Smoke Hood. The company performs scheduled inspections, operational testing, inflation and pressure checks, overhaul, repair, repacking and replacement of life-limited components in accordance with approved maintenance manuals, manufacturer specifications and regulatory requirements.



Utilizing dedicated servicing facilities, specialized test equipment, and highly trained technicians, Aviasafe ensures that escape slides remain fully functional, airworthy, and ready for deployment during emergency evacuations.

### BATTERY

Aviasafe Aviation Services Pvt. Ltd. provides specialized Maintenance, Repair, and Overhaul (MRO) services for aircraft batteries, ensuring their reliability, performance and continued airworthiness. The company performs inspection, capacity testing, charging, conditioning, troubleshooting, repair, overhaul, and certification of aircraft batteries in accordance with approved maintenance manuals, manufacturer specifications, and applicable regulatory requirements.



Utilizing advanced testing equipment and qualified technical personnel, Aviasafe evaluates battery health, verifies electrical performance

### MASK

Aviasafe Aviation Services Pvt. Ltd. provides specialized Maintenance, Repair, and Overhaul (MRO) services for aircraft headsets, mask and aviation communication equipment. The company performs inspection, functional testing, troubleshooting, repair, refurbishment, component replacement and certification in accordance with approved maintenance data, manufacturer specifications and applicable aviation regulations.



[www.aviasafeaviation.com](http://www.aviasafeaviation.com)

## Mission-Ready Communication

### Rugged. Reliable. Wireless.

For over 30 years, Axnes has delivered mission-critical wireless intercom systems trusted by aviation, SAR, and military teams worldwide. Built to perform in the harshest environments, our scalable ecosystem integrates seamlessly with existing systems or operates as a powerful standalone solution - keeping teams connected, untethered, and in control across air, land, and sea.

The MP50 is the high-end waterproof submersible SAR handset, designed for all weather search & rescue, or maritime operations, providing crystal clear communications in very high-noise environments and extreme conditions.

The MP30 series handsets are versatile and highly capable, civilian based handset, with a reduced number of features compared to the MP50 series. The MP30 is a robust, lightweight, yet highly capable handset that provides crystal clear communications in very high-noise environments and extreme conditions.

The BST50 is designed to operate with the CP50 Control Panel, is the high-end aviation qualified base station that connects directly to the aircraft's ICS audio panel, enabling seamless communication between the intercom system and remote handsets from engine start to engine stop. With support for 2 audio lines and radio repeater hub technology throughout all mission phases.

The CP50 Control Panel provides intuitive control of the BST50 & BST62 Base Stations. Designed to provide a simple to use interface allowing crew access to channel selection, Mute & Broadcast features, GPS data display (BST50 only), remote AIS SART (Search & Rescue Transmitter) frequency activation (BST50 only) and system setup.

The BST30 and BST35 mobile base stations are designed for simple integration with platform intercom systems or operating as a standalone backbone. Powered via platform supplied 11-33 VDC or internal battery (BST35), the BST3X family are lightweight, compact, easy to install and use designed for mobile applications such as operators who need to move the system across multiple platforms.




[www.axnes.com](http://www.axnes.com)

## BAJRANG UAV (OPC) PVT. LTD.

Bajrang UAV (OPC) Private Limited is a defence-focused drone manufacturing company established in March 2023, dedicated to delivering cutting-edge unmanned aerial systems (UAS) designed exclusively for military applications. With a strategic focus on defence surveillance, kamikaze (loitering munition), payload delivery drones and swarm drones. Company is committed to enhancing national security and tactical capabilities through indigenous innovation.

Our founder and director, Mr. Umang Joshi, brings over a decade of industry experience, having worked in the drone sector since 2013. He has a proven track record of successfully delivering drone solutions to various Indian Army units, establishing trust and reliability in mission-critical defence scenarios.

Bajrang UAV has developed & designed the flight controller and gps for that small size with centimetre level precision for fluent and stable flights. The gps modules are specifically made to remove need of compass in the system to provoke the magnetic field error in operations specially in high altitudes.



Company has tasted and delivered High altitude multirotor to the Indian army and disaster management unit of India.

### AVAILABILITY ON GEM

Company has completed the vendor assessment through the gem portal for the following category.

- Surveillance Drone / Unmanned Aerial Vehicle (V2) (Defence Forces - Navy, Army and Air Force)
- Drone or Unmanned Aerial Vehicle with Customized Payload (Defence Forces - Navy, Army and Air Force)

### CORE OFFERINGS

- Defence Surveillance Drones
  - High-endurance drones for real-time aerial reconnaissance.
  - Day-night vision capability with encrypted communication.
- Kamikaze / Loitering Drones
  - Precision strike drones designed for one-time tactical missions.
  - Equipped with smart target-acquisition and navigation systems.
- Payload Delivery UAVs
  - Drones engineered for tactical logistics and payload deployment.
  - Capable of navigating challenging terrains especially high altitude with autonomous capabilities.
- Swarm Drones.
  - Up to 50 drones can be used for one leader and other follower for swarm drone attack.
  - Ranges vary from 200 meters to 10km in range.

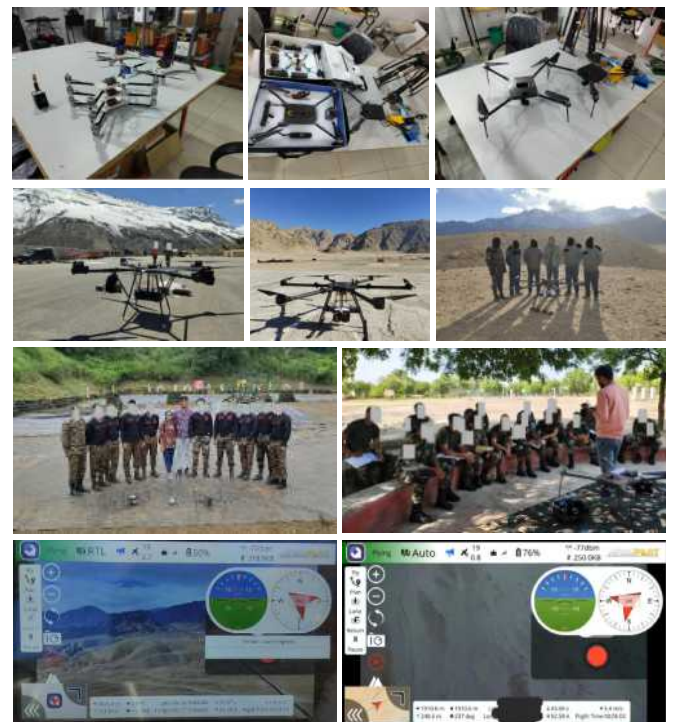
### MAJOR ACHIEVEMENTS.

- Surveillance drone tested in Pokhran at 50 degree and in north India at -5 degree temperature.
- Payload drone (5kg to 15 kg capacity) has been tested in Leh Ladakh at 3500 to 5300 AMSL at -17 degree temperature.
- Payload drone 30kg capacity drone tested in Sinkula top 5015m AMSL(16400 ft) for disaster management.

### MANUFACTURING & COMPLIANCE

- All drones are indigenously designed and manufactured in India.
- Systems are built to meet defence-grade reliability and ruggedness.
- Compliance with industrial grade drones and UAV system.
- Drone and designed are lab tested and certified.

### COMPANY FACILITIES AND ACHIEVEMENTS



[www.bajranguav.com](http://www.bajranguav.com)

## BIG BANG BOOM SOLUTIONS PVT. LTD.

Big Bang Boom Solutions (BBBS) is a Chennai-based Indian deep-tech defence startup founded in 2018, focused on designing and developing indigenous military and security technologies. The company operates as a defence solutions integrator, building proprietary systems across domains such as counter-drone platforms, AI-enabled combat systems, unmanned vehicles, advanced battle interfaces, and hybrid combat armour. Its core strengths lie in areas like artificial intelligence, UAV technology, communications, and material science, enabling end-to-end development of complex defence products.

BBBS has emerged as a key player in India's defence innovation ecosystem, supported by initiatives such as iDEX, with multiple awarded projects including anti-drone systems and advanced battlefield technologies. It collaborates with both domestic and international partners and works closely with Indian defence forces to develop deployable, mission-ready solutions. Positioned as a fast-growing, next-generation defence company, BBBS emphasizes indigenous IP creation, modular system design, and AI-driven warfare capabilities, aligning with India's broader push for self-reliance in defence manufacturing.

### VAJRA SCAN X & VAJRA SHIELD X

Vajra Sentinel Systems is an indigenous Indian counter-drone (C-UAS) solution developed by Big Bang Boom Solutions (BBBS), designed to detect, track, identify, and neutralize hostile unmanned aerial threats, including drone swarms. It integrates passive RF sensing, AI-driven analytics, and computer vision to provide real-time threat assessment, supported by both soft-kill capabilities such as RF/GNSS jamming and hard-kill options like interceptor drones or kinetic neutralization. With an operational envelope of up to roughly 10 km, the system is modular and scalable for deployment across military bases and critical infrastructure. It has been inducted by the Indian Armed Forces, including the Air Force and Army, and is positioned as a next-generation, fully indigenous solution under India's iDEX initiative, reflecting a shift toward self-reliant, AI-enabled electronic warfare systems.



[www.bigbangboom.com](http://www.bigbangboom.com)

## BLUE STAR ENGINEERING & ELECTRONICS LTD.

Blue Star Engineering & Electronics Ltd. is a wholly owned subsidiary of Blue Star Limited with over six decades of expertise the company has evolved from a technology distributor into a comprehensive solution provider offering turnkey systems in India. The company offers expertise in Non-Destructive Testing (NDT), NDT Custom Solutions, Material Testing Solutions, and Chambers, catering to industries such as aerospace, automotive, railways, oil & gas, power, and manufacturing. With strong technical capabilities, global technology partnerships, and nationwide support, Blue Star E&E delivers innovative, reliable, and customer-centric solutions tailored to diverse industrial applications.

**NDT Solutions:** A comprehensive range of NDT instruments for flaw detection, corrosion monitoring, thickness measurement, and material analysis. The portfolio includes phased array flaw detectors, thickness gauges, videoscopes, XRF analyzers, industrial X-ray systems, and computed radiography solutions



**NDT Custom Solutions:** Customized automated inspection systems built around technologies such as UT, PAUT, Industrial Radiography, Eddy Current Testing, and Magnetic Particle Inspection. Solutions include pipe, bar, billet, coil, plate, railway wheel & axle, and immersion inspection systems for demanding industrial applications.



**Material Testing Solutions:** A wide range of testing equipment for quality control, product development, and research applications. Solutions include Universal Testing Machines, Hardness Testers, Impact Testers, Fatigue Testing Systems, and other equipment for evaluating material performance and reliability.



**Chambers Solutions:** Advanced environmental and plant growth chambers designed for product validation, reliability testing, and research. The portfolio includes thermal shock chambers, battery test chambers, altitude chambers, plant growth chambers, salt spray chambers, and vibration testing systems.



[www.bluestar-ee.com](http://www.bluestar-ee.com)

## BMI VACUUM FURNACES

For nearly 80 years, BMI has been designing and manufacturing vacuum furnaces dedicated to the heat treatment of high value-added steel components. Our expertise is based on a comprehensive mastery of vacuum technologies and recognized know-how in the most demanding industrial environments.



Our standard range covers all the main treatments: oil quenching, gas quenching, tempering, annealing, stress relieving, ageing...

We also develop specific furnaces for advanced processes such as high-temperature brazing, aluminium brazing, sintering and degassing, as well as special applications such as IVD and APV processes.

Available in a wide range of sizes, our vacuum furnaces can be equipped with optional features to perform thermochemical treatments: low-pressure carburizing, low-pressure nitriding, plasma nitriding, etc.

Designed to meet the most stringent requirements, our heat treatment solutions comply with the standards and specifications of the most critical sectors - aerospace, medical, energy, etc. - including AMS, BAC and other international standards.

The B5\_R is a vacuum purge furnace for tempering and low temperature treatments working under inert gas pressure convection heating. Tempering, annealing, Ageing, stress relieving, low pressure nitriding, nitrocarburizing, cryogenic treatment.



Industrially proven for many years, the B5\_R is suitable for all types of applications. By offering flexibility and productivity, it is the perfect complement to a quenching furnace, thus offering a very wide range of vacuum heat treatments.

The B8\_T range is designed for high temperature Heat treatments : gas quenching, brazing, sintering, tempering, annealing, ageing, stress relieving, low pressure carburizing. The furnace is equipped with the rotating flow cooling patented by BMI. It suits sensitive quenching treatments, offering incomparable quenching uniformity.

The B5\_T is a vacuum furnace that is designed for high temperature heat treatments that do not require high cooling rates. The investment cost is therefore lower and the profitability is higher compared to quenching furnaces. Brazing, Annealing, Ageing, Sintering, MIM, Boriding, low pressure carburizing.

The B5\_TH is a high temperature vacuum oil quenching furnace. A single-chamber economical furnace, with a simple and compact design. The low pressure carburizing process can be added as an optional feature.

The B6\_TH is a high temperature vacuum furnace with dual-chamber. It is a versatile furnace allowing to do oil quenching and gas quenching. The low pressure carburizing process can be added as an optional feature.

The VSE8\_T lift-sole furnace is the vertical version of the B8\_T range. It is designed for the main high temperature treatments for massive or vertical loads. Gas quenching, brazing, sintering, tempering, annealing, ageing, stress relieving, low pressure carburizing. The fully automatic system of hearth movement ensures safe handling during loading/unloading operations.



[www.bmi-fours.com](http://www.bmi-fours.com)

## BNN COMMUNICATION ENGINEERS PVT. LTD.

BNN Communication Engineers, since its inception in 1995, has been providing wireless engineering services to mobile phone operators, System integrators, Government & Industries. It Started with Microwave planning, CW Testing, Coverage planning & lots of related services.

The company further specialized in spectrum scanning, Radio interference planning, Source hunting for the entire band up to 4GHz. It took up PAN India measurement of EMF radiation from Mobile towers for All Operators.

In 2011 it set up a SAR Lab in a joint venture with Swiss company M/S SPEAG Zurich by the name of BNNSPEAG Test & Calibration Lab. India Pvt. Ltd. offering NABL accredited services such as SAR Measurement up to 6GHz, Calibration of EMF Probes, EMC Probes, various RF Instruments and more recently set up an Open Area Test Site ( OATS ) for calibration of Antenna up to 40 GHz in 2023.

In 2017 it set up an EMR division offering Accredited EMC chamber certification related services such as Shielding effectiveness, NSA, FU, VSWR, Chamber Noise, ALSE, Microwave Absorber reflectivity, Antenna characterization (Factors, Gain, Beam Pattern), Radar Absorber reflectivity Measurement (Both on site & in Lab).

Very recently it started manufacturing of calibrated EMC Chamber measurements Antenna e.g. Loop (Both Active & Passive), Biconical, LPDA, Biconical Log, Horn all up to 18 Ghz.

It also has a distribution arm and provides Turnkey SAR lab, Fast SAR Measurement equipment, Dielectric properties measurement etc.



In Summary, BNN Group of Companies offers comprehensive services in following areas:

- Wireless Planning Services to Mobile Operators/Government & Industries.
- NABL Accredited Testing & Calibration Services for RF Instruments (9KHz to 40 Ghz), Antenna (up to 40 GHz), E-Field Probes (up to 40 GHz), EMI Receivers (up to 40 GHz).
- Onsite Accredited EMC Chambers Certification Services (40 GHz) consisting of NSA, sVSWR, NSIL, Shielding Effectiveness Testing (40 Ghz)
- Manufacturing Precision Antenna with Accredited Calibration up to 40 Ghz.
- Exclusive Distributor of M/S Scientific Microwave Products (Diplexer, Duplexer, Waveguides, Filters) up to 40 Ghz.

With a customer-focused approach, BNN emphasizes quality, reliability and innovation, delivering end-to-end support from product selection and system integration to after-sales service. Backed by experienced leadership and collaborations with global technology partners, BNN Group continues to strengthen its position as a trusted provider of high-performance testing and measurement solutions.

Military Hardware Portfolio: Our ruggedized, high-performance systems are engineered for the harshest electromagnetic environments, ensuring mission-success through superior field-proven technology. A few from our wide Product Line detailed as below: -

- **AN TRI 0306HP:** High-power Trilog antenna (20MHz-7GHz) for Jamming applications. Low power high sensitivity version available for ESM Support.
- **AN-LPD-703GHP:** Ultra-rugged Log-Periodic array for high-power applications.
- **ANB-0230HP:** Precision Bi-Conical antenna for ECM/Jamming applications.
- **ANDRH 500M 6G:** Specialized Double Ridge Horn for wideband surveillance, Jamming etc.



[www.bnncom.com](http://www.bnncom.com)

## BOSCH REXROTH INDIA PVT. LTD.

A brief writeup about the organization: Bosch Rexroth, a leading global supplier of drive and control technologies, drives innovation to move industries forward with hydraulic systems, electric drives, industrial robotics, and smart automation solutions. Delivering precision motion and control, the company ensures efficient, powerful, and safe movement in machines of any size by bundling global application experience across mobile applications, industrial applications, and factory automation.

By offering intelligent components, customized system solutions, engineering, and services, Bosch Rexroth creates connected environments using advanced software and interfaces to the IoT. Guided by the strategic brand promise "We Move. You Win.", the company connects its innovative technology with a passion for the success of its customers and associates. Backed by the immense global strength and resources of the parent Bosch Group, Bosch Rexroth maintains an extensive international footprint, where approximately 33,800 associates across locations in over 80 countries generated sales revenue of €7.6 billion in 2023.

[www.boschrexroth.com](http://www.boschrexroth.com)



Captain Tractors Pvt. Ltd. is a leading Indian manufacturer of compact and specialty tractors, recognized for innovation, reliability, and application-focused engineering. With more than two decades of manufacturing excellence, the company serves agriculture, horticulture, industrial, and institutional segments across India and global markets.



Captain Tractors offers advanced tractor solutions suitable for airport ground support and infrastructure operations, including baggage handling, towing, logistics movement, and utility applications. The products are designed for high torque performance, fuel efficiency, low operating costs, and ease of maintenance, ensuring dependable operation in demanding environments.

Supported by strong in-house R&D, modern manufacturing facilities, and a wide service network, Captain Tractors is committed to delivering efficient, durable, and sustainable mobility solutions for modern infrastructure and specialized operational needs.

#### **CAPTAIN 263H**

CAPTAIN 263H is a compact and powerful tractor designed for precision operations in confined and specialized areas. Equipped with a Hydrostatic Transmission (HST), it offers smooth, clutch-free operation and excellent maneuverability. Its robust engine ensures reliable performance with low fuel consumption, making it ideal for applications such as airport ground maintenance, landscaping, horticulture, and utility work. The ergonomic design, easy controls, and high operational efficiency make CAPTAIN 263 HST a dependable solution for modern infrastructure and maintenance needs.



#### **CAPTAIN 25E**

CAPTAIN 25E is an eco-friendly electric tractor developed for sustainable and zero-emission operations. Powered by advanced electric technology, it delivers quiet, vibration-free performance with minimal maintenance requirements. The tractor is well-suited for indoor, semi-indoor, and environmentally sensitive areas such as airports, warehouses, campuses, and industrial premises. With instant torque, smooth drive, and cost-effective operation, CAPTAIN 25E represents the future of clean mobility while maintaining the reliability and efficiency expected from CAPTAIN Tractors.



#### **CAPTAIN 283**

CAPTAIN 283 is a versatile and high-performance tractor engineered for demanding utility and material handling tasks. Featuring a powerful engine, sturdy build, and excellent traction, it ensures consistent performance across various applications. Its compact dimensions allow easy movement in restricted spaces while maintaining high productivity. Suitable for airport operations, infrastructure maintenance, and implement-based activities, CAPTAIN 283 combines durability, efficiency, and operator comfort, making it a reliable choice for continuous and heavy-duty usage.



#### **CAPTAIN IMPLEMENTS**

Captain Tractors offers a comprehensive range of implements specially designed for efficient and safe airport ground operations. These implements support applications such as grass cutting, surface cleaning, material handling, towing, and routine maintenance across airside and landside areas. Engineered for durability, precision, and compatibility with compact tractors, they ensure smooth performance with minimal downtime. Easy attachment, low maintenance, and reliable operation make CAPTAIN implements ideal for continuous use in airport environments, helping authorities maintain safety, cleanliness, and operational efficiency.



Chara Automation is a forward-thinking industrial solutions provider focused on enhancing productivity and precision in manufacturing processes. The company specializes in innovative systems such as smart jig boards, vision inspection systems, and advanced automation tools designed for wiring harness and assembly applications. By integrating intelligent design with user-friendly technology, Chara Automation helps industries reduce errors, improve quality, and optimize workflow efficiency. Their solutions are tailored to meet the evolving needs of sectors like Aerospace, Automotive, and Electronics. With a strong emphasis on reliability, accuracy, and cost-effectiveness, Chara Automation supports organizations in achieving smarter, faster, and more efficient production environments.



#### **SMART JIG BOARD**

A Smart Jig Board is an advanced tool used in wiring harness assembly to improve accuracy and efficiency. It uses LED guidance and sensors to help operators place components correctly, reducing errors and rework. This ensures faster production and consistent quality, making it ideal for modern manufacturing industries.



#### **VISION SYSTEM**

A Vision System is an advanced camera-based inspection system used in manufacturing to automatically detect defects and ensure product quality. It captures images of components and analyzes them using software to check accuracy, alignment, and defects. This helps reduce human error, improve inspection speed, and maintain consistent quality. Vision systems are widely used in industries like automotive, electronics, and aerospace for reliable and efficient quality control.



#### **MICRO CONTINUITY**

Micro Continuity is a precise testing method used to detect small electrical breaks or faults in wiring and circuits. It ensures proper connectivity by identifying even minor interruptions, helping maintain product quality and reliability in manufacturing.



#### **ELECTRICAL VEHICLE HIGH VOLTAGE HARNESS TEST STATION**

EV High Voltage Harness Test Station is a system used to test the safety and performance of electric vehicle wiring harnesses. It checks parameters like continuity, open/short, insulation, and high-voltage resistance (AC/DC). The system also tracks operator data, test results, defects, and cycle time, ensuring accurate testing, quality control, and full traceability in production.



#### **ELECTRIC VEHICLE CONNECTOR ASSEMBLY MACHINE**

An Electric Vehicle Connector Assembly Machine is an advanced system that uses servo and pneumatic actuators for precise and efficient assembly of connector components. It reduces manual work, improves productivity, and ensures consistent quality. Key parameters like pressing force and movement distance are automatically controlled and monitored for accurate and reliable assembly.



Our advanced assembly line ensures seamless single-piece flow processing with semi-automatic operations and 100% traceability. Key parameters like crimping, USW, IR, and continuity tests are digitally recorded, ensuring precision and quality. Rework and rejections are tracked systematically, while digital maintenance and ANDON displays enable real-time performance monitoring.



We provide Hardware Security solutions. Chipspirit is working on semiconductors solutions for highest-grade security applications. Chipspirit has won multiple National awards in India. Our unique security solutions are based only on hardware (VLSI Design Circuits only) with Zero software intervention. We are working on siliconization of software-based implementations for higher speed and increased security implementations with NIL backdoors; customizable cost optimized products.



Mohan Jindal has an extensive and rich experience of 25+ years in VLSI design, verification and implementation. Mohan has honed his skills working earlier at leading Organizations like Intel, Atmel, LSI/Broadcom.



He has taped-out first time right silicons as project manager and taken responsibilities for 40+ tape-outs at multiple levels of execution.

He has Filed 16 patents with 10 granted.

Mohan completed his M.Tech. in Microelectronics and VLSI design from IIT Kharagpur after B.Tech. from DCRUST Murthal.

He founded Chipspirit in 2018 and grew it from 4 people to a 80 person company. Chipspirit is completely bootstrapped and profitable.

Kushal has extensive and rich experience of 8+ years in the industry. He honed his skills working at leading global organizations like Chipspirit and HCL on the communication domains. He holds an MBA and a B.Tech. degree, bringing a strong academic and practical background. At Chipspirit he takes care of the sales and strategy.



#### **ABHED1**

ABHED1 is the world's first fully hardware encryption device that offers a unique solution for secure data transmission, both offline and over a public network.

#### **Below are the features of Abhed-1:**

- Abhed1 is a fully hardware-based encryption and decryption device which can carry out encryption/decryption for USB3.1 and Ethernet devices.
- Abhed1 can be securely transacted data over the Ethernet 1G interface, over a public network through secure tunnels.
- The unique characteristics of Abhed1 is that it is purely hardware based without any processor or firmware-code. The hardware logic circuit works in parallel for data transfers based on the AES256 CBC algorithm. This unique methodology completely prevents any hardware Backdoors/Trojans/debug-paths in encryption equipment.



#### **ABHED1 has several use cases, including:**

- Secure transfer of sensitive data between different locations.
- Secure video conferencing with end-to-end encryption.
- Secure backup and recovery of critical data.
- Secure file sharing among remote teams.

#### **HARDWARE DATA DIODE**

Hardware Data Diode is a fully hardware based unidirectional data transfer for High Grade security. This HDD is made without any software layer, and with ZERO Operating-system, providing the ULTIMATE SECURITY benefits for one-way data transmissions.

Hardware Data Diode is designed for secure one-way data transfer, with potential applications in:



- Critical infrastructure protection, such as nuclear power plants and water treatment facilities.
- Financial institutions and stock exchanges for secure transmission of sensitive data.
- Government agencies and military organizations for secure communication.

Being in the business for nearly four decades, Crescent Foundry is India's leading exporter of machined castings, counterweights, as well as airport and municipal casting solutions. Currently, with over 2 Lac MT of production capacity we export to over 57 countries worldwide. Our unified and driving purpose is to provide superior quality products that have a global appeal.

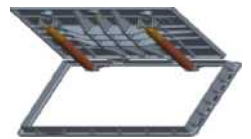
Catering to varied sectors including Agriculture, Automotive, Railways, Telecom, Highway Construction, Port and Airport Infrastructure, Material Handling, Oil & Gas and more, we ensure our clients receive the best and latest solutions crafted with advanced technology and modern designs.

Driven by a commitment to innovation and excellence, Crescent Foundry continues to expand its capabilities and global footprint, maintaining a steadfast focus on delivering unmatched value and reliability to our customers worldwide.

We are among the few foundries globally supplying high-performance airport access cover solutions to major international airports, including Mumbai, Delhi, Bangalore, and Hyderabad in India, as well as Sydney Airport's Qantas terminal, Dubai International Airport and Hamad International Airport.

#### **HYDRAULIC LIFT ASSISTED SOLID TOP MANHOLE COVERS**

This is a solution to facilitate frequent access to underground installations on areas with limited maintenance time. This product is manufactured to suit the size and needs of our customers. The Cover can be lifted effortlessly as a hydraulic mechanism is fitted under the Cover.



#### **SENSOR ENABLED MANHOLE COVER**

A wireless Manhole Sensor is fitted under the cover to prevent Theft, detect the movement of the Cover, communicate emergency by preventing any accident and raise alarm when it is opened or closed. It is easy to install and works on a cloud-based platform with Geographic Information System & 24/7 monitoring.



#### **GAS & AIR - TIGHT SOLID TOP SINGLE COVERS**

These covers are used where foul smell is not desired or where water leakage is harmful. Covers are used on sewerage lines close to terminal buildings as Pit Covers on cable duct lines. The covers are solid top type which integrate seamlessly with surroundings for a refined aesthetic appearance and enhanced safety.



#### **GAS & AIRTIGHT RECESSED TYPE CONFIL MULTIPART COVERS**

Our multi leaf covers are designed to be set side by side to cover large pits. They are convenient to handle, featuring hinges and lightweight construction. Additionally, the covers can be removed from the frame if necessary. Gas & airtight Inspection Covers are essential for odour control and water leakage prevention. Ideal for sewerage and cable duct lines near buildings.



#### **CHANNEL GRATINGS**

We offer a wide range of Linear Gratings used for drainage of water. Item set consists of a Grate and two rails on both sides as standard design. The gratings are available in a range of profiles to suit different applications and can be custom made to suit your specification. Trench grates are engineered with precision, and come with robust specifications, to meet stringent standards of durability and performance in diverse applications.



#### **WATERTIGHT ROUND SOLID TOP COVERS**

We offer Watertight Covers which are essentially used where Water leakage prevention is a must and are used in sewerage lines as Pit Covers. The Watertight design makes them ideal for any application where water leakage is not allowed. Available in various sizes & shapes they can be customized as per Requirement.



## DELTA AEROSPACE PVT. LTD.

DeltaT Aerospace is a pioneer in turnkey thermal management solutions for the aerospace and defence sectors. We specialise in the design, development, manufacturing, testing, and qualification of mission-critical thermal management systems and components. Leveraging expertise in advanced cooling technologies, we deliver lightweight, reliable, and high-performance solutions across diverse aerospace and defence platforms.

Our product portfolio includes scalable cooling system components engineered to meet demanding operational requirements while complying with MIL-STD-810, MIL-STD-461, DO-160, and JSS5555 standards.

DeltaT Aerospace is AS9100 Rev D certified and equipped with integrated in-house facilities for precision manufacturing, assembly, testing, validation, and qualification of thermal management systems and components.

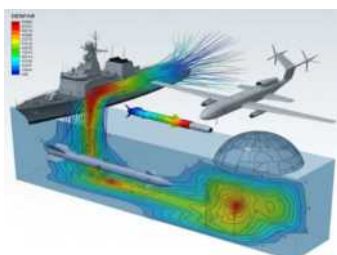
[www.deltataero.com](http://www.deltataero.com)



## DENFAB CONSULTING ENGINEERS PVT. LTD.

DENFAB CONSULTING ENGINEERS PRIVATE LIMITED. is a specialized engineering services company delivering high-accuracy CFD and FEA solutions for defence and mission-critical applications. With roots dating back to 2003, Denfab has steadily evolved into a trusted engineering partner for complex design, analysis, and validation challenges. The company supports the complete product development lifecycle, from conceptual design and feasibility studies to advanced simulations, system integration, and early-stage validation. Known for precision, speed, and accountability, Denfab helps organizations reduce development cycles and achieve "right-the-first time" outcomes. With strong expertise across defence, marine, oil & gas, and industrial domains, Denfab remains committed to strengthening defence technology through thoughtful engineering excellence.

DENFAB delivers engineering-led Computer-Aided Engineering (CAE) solutions across structural, thermal, fluid, and dynamic domains for defence systems. Using Finite Element Analysis (FEA) and Computational Fluid Dynamics (CFD), the focus is on validating performance under mission-relevant conditions and ensuring compliance with defence standards.



Simulation-driven development enables improved structural efficiency, optimized strength-to-weight ratio, and enhanced overall system performance. By integrating virtual validation early in the design cycle, development risks are reduced, material utilization is controlled, and time-to-deployment is accelerated resulting in reliable, cost-effective defence platforms and subsystems.

[www.denfab.in](http://www.denfab.in)



## DIVYANSHI AVIATION SERVICES PVT. LTD.

Divyanshi Aviation Services Pvt Ltd is AS9120 certified and one of the most trusted suppliers of Aerospace Consumables in India. Established in 2010 by Late Shri. Shukul Gupta, Divyanshi Aviation has quickly garnered a reputation for championing customer delight and for successfully expanding our footprints across industries and regions under the young leadership of Mrs Shveta Gupta.



### Why Partner With Us:

**Global Reach Local Presence:** We have authorized distributorships of most of leading global brands in Aerospace Industry, like 3M, Henkel, PPG, Arrow Solutions, Star Hentzen, AHG, HB Fuller, ZOK and Sandstrom

**Strategic Expansion to meet Industry needs:** We serve all across India, and quickly growing our local presence across the major cities, with currently having offices and warehouses at Delhi, Mumbai, Hyderabad and Bengaluru. Over the years we diversified from aircraft consumables to fasteners, spares, composites and electronics.

**Agility Coupled with Expertise:** Our commitment to continuously upgrade our product and industry knowledge, coupled with our customer obsession, helps us aim for more than just customer delight.

### Our Core Strengths

- **Comprehensive Aerospace Ecosystem:** A true one-stop destination for all your aircraft consumables, fasteners, spares, composites and electronics.
- **Ready-to-Ship Inventory:** Extensive, readily available stock to minimize wait times and keep your fleet operational.
- **Expert Technical Consultation:** Our sales and support teams are highly trained to provide precision solutions and technical guidance tailored to your specific engineering needs.
- **24/7 AOG Response Unit :** Round-the-clock availability to ensure "Aircraft on Ground" situations are resolved with maximum speed and efficiency.

### Operational Excellence: Beyond Logistics

We have engineered our internal processes to deliver Quality Compliance and Audit Readiness through a "Basics-First" approach:

- **Precision Documentation:** Flawless paperwork for full traceability.
- **Safety-First Culture:** Strict adherence to international aerospace safety protocols.
- **Global Logistics Fluency:** Proactive customs clearance and robust supply chain networks to ensure Just-In-Time Doorstep Delivery without last-minute surprises.

### PPG SEALANTS

Aircraft fuel tank, fuselage, windshield, conductive and specialty sealants Industrial sealants and adhesives



### Huntsman Adhesives

With a robust portfolio of epoxy, polyurethane, acrylate and phenolic technologies, Huntsman adhesives provide superior joining and bonding solutions for plastics, metals, composite materials and many other substrates.



### Royal Adhesives/ HB Fuller Fuel Tank Sealants

high performance adhesives, sealants, encapsulants, and polymer costings



[www.divyanshiaviation.com](http://www.divyanshiaviation.com)



**Thu. 10<sup>th</sup> - Sat. 12<sup>th</sup>, September, 2026**

Yashobhoomi, IICC, Dwarka, New Delhi, India

**Contact at:** Email: [aedexandairportexpo@tafcen.in](mailto:aedexandairportexpo@tafcen.in) / Tel: +91-11-49857777 (50 Lines)

## EASTMAN EXPORTS INC

Eastman Exports Inc, part of the Eastman Group of Companies, is a leading Indian manufacturer with over 25 years of expertise in designing, engineering, and delivering precision products for diverse industrial applications. Certified with ISO 9001:2015, EN 1090, and DIN 3834, the company specializes in advanced welding, pressing, cutting, and threading solutions, supported by a robust in-house manufacturing facility.

For the defense and airport sectors, Eastman Exports Inc offers a specialized portfolio of high-quality sheet metal and structural products designed to meet stringent safety, performance, and compliance standards. Our dedicated team of professionals ensures innovation, reliability, and timely delivery, making us a trusted partner for mission-critical projects.

Driven by a commitment to excellence, Eastman Exports Inc continues to provide value-driven solutions that combine technical expertise, operational efficiency and outstanding customer service

Forged Toeing hook. Used in Agricultural Machine.



Sheet Metal, press forging component. Used Pole Line hardware for electrical panels.



Steel Prop, mostly used in construction industry. It is made of high tensile pipe. Have many variants according to load capacity. We manufacture this according customer specifications.



Steel Fork head. Used in construction sites for carrying load and support of beam and prop.



Heavy fabrication Tubular component. Special development.

Forging components. Used in various and different applications.

[www.eastmanexportsinc.com](http://www.eastmanexportsinc.com)

## EXVER AVIATION

Exver Aviation is an Indian aerospace startup dedicated to advancing the future of unmanned and autonomous flight. Built on a foundation of rigorous engineering and cutting-edge innovation, Exver Aviation develops high-performance aerial solutions designed to meet the demands of modern defence and strategic operations. With a strong commitment to indigenous development and the spirit of Atmanirbhar Bharat, the company strives to redefine the boundaries of Indian aerospace. Driven by precision engineering and a passion for flight, Exver Aviation is on a mission to establish itself as a leading force in India's rapidly evolving unmanned aerial systems and defence sector.



### PRODUCTS & SERVICES

#### UAV PLATFORMS

- EXVER LIGHT
- EXVER HARRIER
- EXVER HALI
- EXVER AGNI
- EXVER S200
- EXVER UGRA

#### SERVICES

- Aerodynamics & CFD Simulation
- UAV Systems Design & Integration
- Composite Structures Engineering
- Defence UAV Consulting
- Drone Pilot Training & Certification

<https://exveraviation.netlify.app/>

## FICEP TECH INDIA PVT. LTD.

### FICEP – Forging Technology Solutions



FICEP is a global leader in advanced forging machinery and complete forging line solutions. The company offers high-performance Mechanical Presses, Direct Drive Screw Presses, and Hydraulic Presses designed for cold, warm, and hot forging applications. Its forging portfolio also includes high-precision bar shearing systems, billet cutting solutions, and integrated robotic automation for fully automated forging lines.

Engineered for productivity, energy efficiency, and consistent precision, FICEP systems serve automotive, aerospace, defense, heavy engineering, and industrial component manufacturers worldwide. With strong technological expertise and process integration capabilities, FICEP delivers reliable, high-output forging solutions tailored to modern manufacturing demands.

#### DD-PANEL

The FICEP Direct Drive (DD) screw press represents a major advancement in forging technology, combining innovative engineering with economic efficiency. At its core, the DD press uses a direct-drive system with a brushless linear motor and advanced simulation software to optimize mechanical stress performance, making it a leader in its class. This design minimizes vibration, improves energy use, and enables precise, programmable energy delivery with excellent repeatability. Unique features like the Kinetic Energy Recovery System (KERS) recuperate unused energy for subsequent cycles, boosting efficiency and lowering operating costs. The result is higher impact speeds, reduced die wear, shorter cycle times, and enhanced productivity across a range of materials and forging applications.



#### HF1250

The FICEP HF series hydraulic press is built for hot forming steel, aluminium, and other lightweight alloys, and is also well-suited to preforming and trimming applications. Its rigid monolithic frame enables off-center forging, allowing multiple dies on the working table for versatile production. The

## EXCEL RAPIDTECH PVT. LTD.

Excel Rapidtech Private Limited (formerly known as Jagdamba Projects Private Limited) is a rapid prototyping and manufacturing service bureau having in-house industrial grade additive manufacturing equipment / 3D printers and other rapid manufacturing facilities with capability to manufacture polymer parts within a few days only. Our facility is located in Okhla Industrial Area Phase – 1, New Delhi.



3D Printing  
SLA ABS-like



3D Printing  
SLA PC Transparent



3D Printing  
SLS PA12 Nylon



Vacuum Casting  
Various Materials

[www.excelrapidtech.com](http://www.excelrapidtech.com)

design includes side openings that support automatic arms for die lubrication, cleaning and cooling, enhancing integration with automation systems. A powerful hydraulic unit with proportional valves and a special manifold delivers high forging performance, while a compact hydraulic power pack and fast ram return improve cycle speed and reduce energy use. The system can be customized with varied strokes, clearances, and working speeds to meet specific manufacturing needs, and features advanced Siemens PLC electronic control for precise monitoring and operation.



[www.ficepgroup.com/ficep-india/](http://www.ficepgroup.com/ficep-india/)



FOKAL, under Mithabhi Lamps Pvt. Ltd. and J.S. **FOKAL**® Lamp Industries, is an Indian manufacturer of precision lighting solutions for automotive, defence, aerospace, and airfield applications. Established in 1984, the company has over four decades of experience in manufacturing miniature incandescent and halogen lamps for demanding platforms including military vehicles, aircraft systems, naval applications, runway/airfield lighting, and specialised defence equipment.

With integrated manufacturing, in-house process control, automated testing, photometric validation and quality systems, FOKAL supports OEMs, Tier-1 suppliers, defence establishments, and institutional customers with reliable, application-specific lighting products. The company manufactures lamps for 12V, 24V and specialised defence requirements, with a strong focus on durability, consistency, traceability, and compliance-driven production.

FOKAL aims to support India's defence indigenisation mission through dependable, locally manufactured lighting solutions.

#### PRODUCT DESCRIPTION

FOKAL manufactures specialised lamps for defence, aerospace, automotive, and airfield applications. Its product range includes miniature incandescent lamps, halogen lamps, aviation and defence platform lamps, signal and indicator lamps, runway and airfield lighting lamps, and customised lighting solutions for military vehicles, aircraft, naval platforms, and institutional applications.

The company supports customers with product development, reverse engineering, validation support, photometric testing, life testing, and application-specific manufacturing. FOKAL's defence lighting solutions are designed for reliability, consistent performance, and use in demanding operational environments.

[www.fokallamps.com](http://www.fokallamps.com)

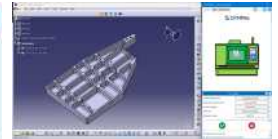


HCL DFMPPro from HCL Software is a best practice driven design for manufacturing software integrated within CAD platforms like Creo Parametric, SOLIDWORKS, NX, CATIA V5 and 3DEXPERIENCE. It helps design engineers to identify and evaluate their designs for downstream manufacturability, assembly, quality, serviceability, (DFx)

**HCLSoftware**  
**HCL DFMPPro**

related issues upfront and reduce unnecessary rework and engineering changes.

[www.dfmp.com](http://www.dfmp.com)



## HHV THERMAL TECHNOLOGIES PVT. LTD.

HHV Thermal Technologies (HHV TT) an integral part of the HHV Group - India's first group dedicated to High Vacuum Technology, where innovation meets precision.



HHV TT has almost six decades of expertise in the design, development, and manufacturing of specialized vacuum furnaces for Space, Aerospace, Astrophysics, Defence, Automotive and Metallurgy industries. HHV TT is an international supplier of high-quality vacuum furnaces. Our full-fledged design centre has qualified and experienced designers with 3D designing facilities to design systems with international standards adhering to NADCAP standards and certified for CE.

#### VACUUM HEAT TREATMENT FURNACES

HHV Thermal technologies specializes in premium heat treatment furnaces that are built to operate automatically with complete heating, multi-point soaking and gas quenching cycles. These furnaces provide high consistency and low contamination for annealing, hardening, ageing, tempering, and carburizing.

##### Features

- Graphite hot zones.
- Optimized cooling system design.
- Superior pumping performance.
- State of the art process control system.



#### VACUUM BRAZING FURNACES

HHV Thermal Technologies premium brazing furnaces are built to operate automatically and provide high consistency and low contamination for superior brazing.

##### Features

- All metal or graphite hot zones.
- Optimized cooling system design.
- Superior pumping performance.
- State of the art process control system.



#### VACUUM HOT PRESSES

HHVTT's hot presses provide high consistency and low contamination for pressing, sintering and compacting. These have power-regulated resistance heating or induction heating.



#### VACUUM INDUCTION MELTING AND CASTING FURNACES

HHVTT specializes in vacuum induction melting and casting furnaces that are specially designed to meet laboratory and production requirements. High value materials and special alloys can be economically produced in our compact vacuum induction melting and casting furnaces.



#### VACUUM OVENS

Our Vacuum oven systems come in multiple cylindrical or cubic configurations. These are used in Vacuum Ovens bake, degas, heat, dry and anneal components for the electronics, aerospace and defence industries.

##### Features

- Internal and external heating.



- Insulated and isolated heaters for long life.
- Completely automated and user-friendly process control.

### THERMO VACUUM SYSTEMS

HHVTT's Thermo Vacuum systems are used to conduct long period life-cycle tests on components used in spacecrafts and satellites. They simulate conditions found in the upper atmosphere and expose components to vacuum and extreme temperature variations.

#### Features

- Turbo or Cryo pumping systems.
- Completely automated process control.
- Precise temperature controlled thermal circulations.



### FURNACES FOR CARBON COMPOSITES

HHVTT has engineered and developed a range of customized high vacuum and high temperature CVD, CVI and Graphitization furnaces with user friendly features to produce carbon and ceramic composites.



**Rotary Vacuum Brazing Furnace** is specially built to braze convergent and divergent cones made out of super alloys used in cryogenic engine technology. These engines are used in launch vehicles to lift satellite packages to space.



[www.hhvthermaltech.com](http://www.hhvthermaltech.com)

## JSC IT CONCEPTS INDIA PVT LTD.

M/s. JSC IT Concepts India Pvt Ltd, New Delhi, is a 100% subsidiary of IT Concepts Group of Companies, who are world leader in manufacturing Industrial Endoscope / Videoscope used in various industries for quality inspection purposes and as an NDT tool. Recently our IT Concepts Group Company has started manufacturing Industrial Endoscope / Videoscope through its 100% subsidiary in India, under make in India category promoted by Govt. of India.



We have also started our new product line for Airport system such as Automatic Passport Control System (E-Gate system for immigration), which is specifically designed for automatic border control and can solve two apparently contradictory goals, Security & Simplification based on the latest biometric recognition algorithms and high-tech hardware, Automatic Passport Control System accelerates the process of passenger control, making it convenient and understandable for citizens, which in turn significantly reduces waiting time at the borders, ensuring optimum security. Currently we are doing software developing, hardware processing, production & installation of the equipment in India in coordination with our IT Concepts Group of Companies.

### IX3D VIDEOSCOPE MEASUREMENT SYSTEM

iX3D is a precise and modular working video endoscope system for the execution of 2D and 3D surface inspection and measurement functionality in hard-to-reach areas.

The system offers 2 light weighted probes (0° forward view + 90° side view), each equipped with a stereo vision camera system generating 3D data. The simple and user-friendly interface and measurement software is intuitive.



The monitor unit can be positioned independently of the probe. The probes have a very low weight. Both allow almost unlimited use in any environment.

### XLED PRO DV VIDEOSCOPE SYSTEM

The XLED PRO Video System is a small and highly portable Inspection System. 2 cameras in parallel, The system contains 4.0 mm or 6.0 mm XLED PRO Videoscope with 4-way Articulation combining 2 cameras in parallel.

You can decide between 0° DOV (direction of view) or one 90° or both together. With diameters of 4.0 mm or 6.0mm and lengths from 1.5 m to 7.5m the XLED PRO DUAL VIEW System leaves nothing to be desired.

### VECTOR 50 EDDY-CURRENT FLAW DETECTOR

A universal eddy current flaw detector with a wide frequency range (from 1 Hz to 20 MHz) designed to address a broad range of control tasks for ferromagnetic and non-ferromagnetic materials using the eddy current method.

It is developed for inspection of various objects, including aviation engine parts, welded and brazed joints, rods, forgings, carbon fiber products, etc., to detect surface and subsurface defects (including under coatings), corrosion, damage caused by thermal effects, and others.

The high power of the device and the unique design of the transducers allow the "Vector-50" flaw detector to be used for detecting stress corrosion cracking (SCC) in pipelines under insulation up to 25 mm thick.

### AUTOMATIC PASSPORT CONTROL SYSTEM (PASSPORT AND FINGERPRINT SCANNER) E-GATE SYSTEM

Automatic Passport Control System (E-gate for immigration) which is specifically designed for automatic border control and can solve two apparently contradictory goals, Security & Simplification based on the latest biometric recognition algorithms and high-tech hardware, Automatic Passport Control System accelerates the process of passenger control, making it convenient and understandable for citizens, which in turn significantly reduces waiting time at the borders, ensuring optimum security.



[www.jscitconcepts.com](http://www.jscitconcepts.com)

## KHATOD OPTOELECTRONIC, ITALY

Khatod is a well-known leader in the manufacturing of optical solutions for LED lighting. What sets us apart from our competitors is the fact that we develop the entire product process 100% in house, in Milano, Italy.



All the operations are held on site: design, development of new technologies, production and post-production processes, testing and control, technical direction, management, administration.

Besides, we have a standard product portfolio of over 6200 models from stock, for any kind of application in LED lighting, all done using an exclusive manufacturing process and superior finishing.

Our experienced and qualified Research & Development department has all know-how to create customized optical systems

We are your ideal partner who makes moulds and equipment for the design of customized optical solutions and fully satisfies your needs. A large team of qualified and experienced professionals is available to support you and provide customized solutions.

Since 1985 - From project to object!

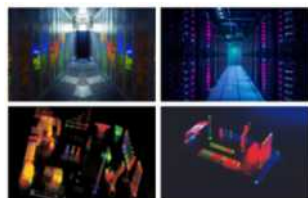




Reflectors for Aviation Lights



Asymmetric lens for Obstruction Light



Light Guide, Light Pipes, Circuit Board Indicator, Flexible optical systems, Backlight Panel, bar graph arrays, Light bars



LENSES



REFLECTORS



DIFFUSERS



IMAGING & SENSOR

[www.khatod.com](http://www.khatod.com)

## KLED IoT SENSING PVT. LTD.

KLED IoT Sensing Private Limited is an innovative technology company specializing in advanced IoT-based sensing and monitoring solutions. Our flagship product, the NIR Moisture Analyzer, delivers fast, accurate, and non-destructive moisture measurement using Near-Infrared technology. Designed for industries such as agriculture, food processing, grains, and industrial manufacturing, it enables real-time quality control and process optimization.

In addition to our NIR solutions, we develop smart IoT-based systems incorporating level sensors, air quality (AIQ) sensors, temperature and humidity sensors, and customized industrial monitoring solutions. Our connected platforms integrate intelligent sensing devices with cloud connectivity and data analytics to provide actionable insights.

At KLED, we are committed to innovation, precision and reliability-empowering industries with smart sensing technology for data-driven decision-making.

### NIR MOISTURE ANALYZER

The NIR Moisture Analyzer is an advanced, non-contact measurement system designed for precise, real-time analysis of moisture, coatings, and fats/oils. Powered by a new dual-core microcontroller architecture, it ensures enhanced signal sampling accuracy and stable performance with a temperature-controlled detector. The system features adjustable filter wheel speed, upgradeable firmware, and a built-in cooling and air purge assembly for optimized operation. Housed in a rugged IP67 cast aluminum enclosure, it supports Ethernet IP, Modbus TCP, ProfiNet, and ProfiBus. With accuracy up to  $\pm 0.1\%$  moisture and wide measurement ranges, it delivers reliable process control across industrial applications.



### PRESSURE TRANSMITTER

The Pressure Transmitter is a rugged, CE-approved solution designed for heavy industrial environments, advanced HVAC systems, and automotive test stands. With an IP67 rating and a wide pressure range from 0–1 bar up to 0–1000 bar, it delivers reliable performance in demanding conditions. The

device offers  $\pm 0.5\%$  full-scale accuracy with a 1% total error band and withstands overload pressures up to 2x FSO. Operating across temperatures from  $-40^{\circ}\text{C}$  to  $125^{\circ}\text{C}$ , it ensures stability in extreme environments. Available output options include 0.5–4.5V, 4–20mA, 0–10V, and other voltage signals, supplied with a durable 2-meter cable for easy integration.



### QUICK OIL ANALYZER – KL-61

The KL-61 Quick Oil Analyzer is a portable, on-site diagnostic solution designed for fast and reliable oil condition monitoring. Featuring a 5-inch touch screen, rechargeable battery, built-in heating device, and printing capability, it enables convenient field analysis without laboratory delays. The system measures viscosity, density, temperature, and other key parameters, storing up to 100,000 records for comprehensive tracking and reporting.



Ideal for wind turbines, military equipment, hydraulic systems, marine vessels, and field service applications, the KL-61 ensures optimal equipment performance, preventive maintenance, and extended machinery life through accurate, real-time oil analysis.

### GUIDED WAVE RADAR LEVEL TRANSMITTER

The guided wave radar level transmitter is used for liquid, solid particles and small size tanks, all kinds of conductive and non-conductive mediums. Such as coal bunker, ash bin, oil tanks and etc. Guided wave radar level transmitter offers continuously measurement of the level of liquids, particles and slurries. The measurement won't be affected by the medium type, temperature, inert gas, steam, dust, foam and so on. The accuracy could reach to 3mm, the measuring range can be 30 meters, high temperature resistance could be 250 centigrade and high pressure resistance can be 20 kgs.



### KLED LORAWAN GATEWAY

Our LoRaWAN Gateway enables reliable, long-range wireless communication for large-scale IoT deployments. It offers coverage of up to 5 km in open areas and approximately 2 km in urban environments, ensuring stable connectivity in diverse conditions. The gateway supports up to 2,000 sensors simultaneously, making it ideal for smart agriculture, smart cities, industrial automation, and environmental monitoring.



Designed for secure data transmission and seamless cloud integration, it provides easy deployment, remote management and low power consumption-delivering a scalable and cost-effective solution for wide-area IoT connectivity.

### KLED IoT SENSORS

KLED IoT Sensors provide intelligent, real-time monitoring solutions for industrial, commercial, and smart infrastructure applications. Our sensor portfolio includes IAQ (Indoor Air Quality) sensors, temperature and humidity sensors, level sensors, pressure sensors, and other customized monitoring devices. Designed for accuracy and reliability, our sensors measure parameters such as CO<sub>2</sub>, particulate matter (PM), VOCs, temperature, humidity, liquid levels, and environmental conditions.



With seamless LoRaWAN and cloud integration, KLED sensors enable remote monitoring, data analytics, and automated alerts. Built for durability and energy efficiency, they are ideal for smart buildings, factories, warehouses, agriculture, and environmental monitoring applications.

[www.kledmeasurement.com](http://www.kledmeasurement.com)

Laversab Aviation India Private Limited (LIAPL), established in 2004 and headquartered in Bengaluru is a leading player in India's aviation technology sector. The company specializes in the design, development and manufacture of advanced test equipment and systems for aerospace and defence applications. With a strong focus on precision engineering and innovation, LIAPL supports both civilian and military aviation programs, including collaborations with key organizations such as HAL and DRDO.

Driven by the "Make in India" initiative, the company emphasizes indigenous development and import substitution, contributing to India's self-reliance in aerospace technologies. Backed by decades of collective expertise, Laversab offers end-to-end Capabilities Spanning Design, Testing, Certification and Lifecycle Support, along with robust after-sales services including calibration, Maintenance and Training.

The Universal Air Conditioning Unit (UACU) is a vital piece of ground support equipment that plays a crucial role in maintaining optimal environmental conditions for aircraft during ground operations. It is designed to provide precisely controlled de-humidified and chilled air to critical aircraft equipment bays, such as avionics bays, radar systems, and sensitive electronic components, minimizing the risk of equipment damage and ensuring mission readiness.



The Multifunctional Aviation Ground Equipment (MFAGE) integrates diverse power sources including electrical, hydraulic, and pneumatic systems within a single, compact and transportable unit. This eliminates the need for multiple, specialized GSE units, resulting in significant logistical and operational benefits, such as reduced equipment inventory and simplified maintenance procedures for aircraft servicing, component testing, and emergency response operations.



The Laversab ADTS 6300 RVSM Air Data Test System is engineered for reliable performance and exceptional customer service. It focuses on simplifying testing procedures through features like automated test profiles and Wi-Fi control via a tablet or a handheld wired controlled unit. Designed for portability and durability, it offers an optional long-lasting removable battery and extended temperature range capabilities. Safety is also a priority, with features such as emergency vents and large leak defense mechanisms.



The Laversab ARTS 7000 Avionics Radio Test System is a versatile, multi-function unit designed to streamline aircraft radio testing. This system aims to lower upfront costs by integrating various testing capabilities into a single box. Its intuitive user interface is accessible wirelessly via tablets or a handheld wired controlled unit, simplifying setup and operation. The ARTS 7000's modular design allows for scalability, adapting to diverse testing needs, and it is supported by worldwide service and technical training.



Uphold the critical integrity and safety of your aircraft structures with the Laversab India Aviation Bonding Tester. This portable and precise instrument is meticulously engineered for conducting essential metalwork bonding checks, ensuring consistent electrical continuity across vital airframe components and other critical systems like fuel tanks. The bonding tester excels in providing accurate low-resistance measurements, crucial for verifying the effectiveness of metalwork bonding on aircraft frames and fuel tanks.



The Aircraft Battery Charge/Discharge unit (ABCD), is a robustly designed tool built for durability and reliable use in field conditions. Specifically engineered for Nickel-Cadmium aircraft batteries with capacities up to 30Ah, it efficiently handles essential charging and discharging functions, along with facilitating periodic capacity tests. For user convenience, the ABCD features digital timers, clear displays, and straightforward controls, making it accessible even for technicians with basic skill sets.



The ARINC 429 Databus AnalyserLI-ARINC-1901 provides comprehensive analysis and simulation capabilities in a portable, palmtop form factor, engineered for rigorous Aviation, Defense, and R&D environments. Recognizing the critical need for reliable data exchange per the ARINC 429 standard, this unit features dual, independent transmit/receive ports, offering enhanced flexibility for system integration testing, troubleshooting, and simulation tasks.



This high-reliability signal amplifier is designed for military applications, specifically to convert electric charge signals generated by piezoelectric transducers into millivolt output signals. Primarily employed in vibration monitoring systems within the Light Combat Aircraft (LCA), this amplifier operates within a defined frequency band and adheres to stringent military standards (MIL-STD).



The Laversab India Aviation Portable Pressure Calibrator Meticulously engineered for versatility across demanding aviation, defense, and industrial sectors, this lightweight yet robust calibrator offers an indispensable solution for the precise calibration of pressure transmitters, sensors, and gauges. It boasts a wide pressure range spanning from 0 to 400 bar with an exceptional accuracy of 0.1% FS, ensuring confidence in critical measurements.



The Hydraulic Bottle Jack is a robust, heavy-duty lifting device designed for the Rafale fighter aircraft with a lifting capacity of 12.25 tons. Employing a single-action piston system, the jack provides a reliable and efficient means of lifting heavy loads, with a maximum lift height of 475mm. This product is customisable for all fighter aircrafts.



The Windshield Wiper and Washing System (WWWS) is a critical airborne flight safety system specifically designed for the demanding operational environment of the Light Combat Helicopter (LCH), Light Utility Helicopter (LUH), and the Advanced Light Helicopter (ALH). The WWWS ensures optimal pilot visibility during adverse weather conditions.



Laversab India Aviation designs high-precision Aircraft Pitot Static Adaptor Kits essential for accurate aircraft testing and maintenance. These kits ensure reliable flight instrument readings by enabling precise testing of pitot-static systems, crucial for airspeed and altitude measurements.



[www.laversabindia.in](http://www.laversabindia.in)



## **MAARG TECHNOLOGIES RVI-NDT PVT. LTD.**

For over 13 years, MAARGTECH has been the trusted partner in ensuring the reliability and safety of India's most critical industrial and strategic assets. We specialize in providing the most advanced, reliable and application-specific Non-Destructive Testing (NDT) and Remote Visual Inspection (RVI) technologies.



We don't just meet standards; we redefine them with smarter, faster and more economical inspection methods that protect both reputation and profit.

### **DEFINING OUR STRATEGIC ROLE**

MAARGTECH delivers essential solutions that consistently exceed the stringent requirements of over 250+ leading industrial entities, including key partners like NPCIL, NFC, ISRO, Godrej Aerospace, Tata Motors, and



Hyundai Motors.



MAARGTECH's unrivaled domain expertise ensures mission-critical assets consistently meet and exceed stringent national and international quality and safety standards across various highly regulated industrial sectors.

- NPCIL: Reactor-grade components
- ISRO: Satellite structures
- Godrej Aerospace: High-performance engineering

#### **X3000 3D MEASUREMENT INDUSTRIAL VIDEOSCOPE**

- The world's first "Dual View 3D measurement" videoscope.
- By Mitcorp's patented technology, we allocate two sets of cameras and projects on the probe tip for both front and side view angle.
- The algorithm of 3D geometry is fine developed to produce reconstruction image for all measurement applications.



#### **X2000 HD INDUSTRIAL VIDEOSCOPE**

- 7" LCD touchscreen with IP54 protection.
- HDMI, USB Type-C, Wi-Fi, and HD recording support.
- Waterproof, scratch-resistant and heat-resistant design up to 7m in length options.



#### **X750 HD INDUSTRIAL VIDEOSCOPE**

- Features a 7" touchscreen, Wi-Fi connectivity, HD image/video recording, and remote app control.
- Built with IP67 waterproof, scratch-resistant, and heat-resistant protection for reliable industrial use.
- Available in multiple probe diameters and lengths up to 7 meters for flexible inspection applications.



#### **X600 PLUS INDUSTRIAL VIDEOSCOPE**

- Equipped with a 5" TFT LCD touchscreen for clear and bright image viewing.
- Built with 1-meter drop resistance and IP54 protection for durability.
- Supports real-time diagnosis, data sharing, and charging via USB Type-C.



[www.maargtech.com](http://www.maargtech.com)

### **MADRAS HARDTOOLS PVT. LTD.**

We are pleased to introduce ourselves as a leading manufacturer and supplier of lifting, rigging, and material handling solutions with a strong legacy of engineering excellence since 1972.

We are proud to inform you that MHT is a RANK-1 Authorised Distributor for USHA MARTIN Wire Ropes and also a big stockist, ensuring immediate availability, genuine products, and competitive pricing.

**At MHT, we specialize in a comprehensive range of products**



#### **including:**

- UNIFORCE Webbing Slings (Flat, Eye-to-Eye, Endless Round).
- Wire Rope Slings & Chain Slings.
- Ratchet Lashing Belts.
- USHA MARTIN Wire Ropes (Authorised Distributor – Rank 1).
- End Fittings & Lifting Accessories from Crosby & Yoke.
- Custom-built slings with tailored capacities, lengths, and end terminations.

We are a leading manufacturer of all types of STEEL WIRE ROPE SLING using premium USHA MARTIN wire rope

We Manufacture all types of CHAIN SLING with Test Certification

We manufacture all varieties of webbing slings, precision stitched, safety compliant, and delivered with full test certification.

We deal in comprehensive rigging and lifting solutions, including accessories, fittings, and customized lifting assemblies.

We supply all types of hoists, including manual, electric, and heavy-duty models for industrial applications.



[www.madrashardtools.com](http://www.madrashardtools.com)

### **MEASURE INDIA CORPORATION PVT. LTD.**

Measure India Corporation Pvt Ltd (MIC), established in 2005, is a leading supplier of advanced material testing solutions in India. Founded by a technocrat with extensive expertise in the testing industry, MIC has grown from a small team of engineers to a dedicated workforce of 35 professionals.



For over 20 years, we have been delivering high-precision testing equipment and services, including Universal Testing Machines, Fatigue & Fracture Mechanics Testing Systems, Creep and Stress Rupture Testing Systems, Stress Relaxation Systems, Digital Image Correlation Systems, retrofits, accessories, and testing services.

Driven by a commitment to quality, innovation, and customer satisfaction, MIC has expanded its customer base from 22 clients to over 500 organizations across India. Our success is built on providing reliable testing solutions and fostering long-term partnerships with our customers.

#### **ELECTRO-MECHANICAL UNIVERSAL TESTING MACHINE (UTM)**

- Available in capacities ranging from 5 kN to 1000 kN for diverse material testing applications.
- Performs tensile, compression, flexural, shear, and peel testing with high precision and reliability.
- Suitable for testing metals, polymers, composites, rubber, textiles, and engineering materials.
- Advanced servo-controlled system ensures accurate load application and excellent repeatability.
- Equipped with intelligent software for real-time data acquisition, analysis, and report generation.
- Complies with ASTM, ISO, DIN, and BIS international testing standards.



#### **SERVO HYDRAULIC DYNAMIC UNIVERSAL TESTING MACHINE**

- Capacities available from 25 kN to 3000 kN.
- Performs Tensile, Compression, Fatigue, Cyclic, Fracture Mechanics and Durability Tests.

- High-performance servo-hydraulic actuator for precise dynamic loading.
- Accurate load, displacement, and strain measurement.
- Suitable for metals, composites, automotive, aerospace, and structural components.
- Complies with ASTM, ISO, and international testing standards.
- Ideal for R&D, product validation, and quality assurance applications.



#### CREEP & STRESS RUPTURE TESTING MACHINE

- Available in capacities of 30 kN, 50 kN, 80 kN, and 100 kN.
- Performs Creep Testing, Creep Rupture Testing, Accelerated Creep Testing, Stress Rupture Testing, and Stress Relaxation Testing.
- Suitable for metals, alloys, superalloys, and high-temperature materials.
- Three-zone furnace with temperatures up to 1200°C for long-duration testing.
- Advanced digital controls ensure accurate, stable, and repeatable results.
- Available in HTC-A (Dead Weight Lever Arm) and HTC-B (Servo-Driven) models.
- Complies with ASTM and ISO standards.
- Ideal for aerospace, power generation, research, and quality assurance laboratories.



#### HIGH CAPACITY UNIVERSAL TESTING MACHINE (UTM)

- Capacities from 600 kN to 3000 kN and above.
- Performs Tensile, Compression, Bend, Shear, Flexural, and Proof Load Tests.
- Suitable for steel, rebars, fasteners, castings, forgings, and structural components.
- High-rigidity load frame with precision load measurement for accurate results.
- Advanced servo-hydraulic/electro-mechanical control system ensures reliable performance.
- Complies with ASTM, ISO, DIN, EN, and BIS standards.
- Ideal for quality control, product validation, and research applications.



#### DROP WEIGHT IMPACT TESTING MACHINE

- Impact energy range: 6 J to 1800 J.
- Performs Drop Weight Impact, Impact Resistance, and Failure Analysis Tests.
- Suitable for pipes, plates, plastics, ceramics, nylon, and construction materials.
- Impact velocity range: 1.6–20 m/s.
- Equipped with 100 kN force transducer and 2 MHz high-speed data acquisition.
- Automatic drop height, striker control, and impact measurement.
- Advanced safety enclosure with interlock protection.
- Ideal for R&D, quality control, and material evaluation laboratories facilities, and material development centers requiring reliable impact performance evaluation.



#### MATERIAL TESTING SERVICES – MEASURE INDIA CORPORATION PVT. LTD.

- NABL-accredited testing laboratory.
- Comprehensive material testing and calibration services.
- Expertise in mechanical,



metallurgical, fatigue, corrosion, and NDT testing.

- Testing includes Tensile, Compression, Impact, Hardness, Creep, and Fatigue Tests.
- Advanced Microstructural Analysis and Failure Investigation.
- Compliant with ASTM, ISO, BIS, and international standards.
- Accurate, reliable and timely results for R&D, quality assurance and product validation.

[www.measure-india.com](http://www.measure-india.com)



#### MILLENNIA TECHNOLOGIES (I) PVT. LTD.

Millenia Technologies (I) Pvt Ltd an Authorized Exclusive dealer and respected Business Partner in India of the below mentioned EUROPEAN companies that provides best-of-breed business solutions leveraging technology delivered by the best in class people for Surface Finishing, Ultrasonic Cleaning, Measuring of precision components & CVD coating.



##### OTEC Präzisionsfinish GmbH:

OTEC has a worldwide reputation of leading manufacturer of high quality innovative machines for DEBURRING, GRINDING, EDGE HONING, SMOOTHENING & POLISHING for different industries

##### ROSLE R Präzisionsfinish GmbH:

Rösler is the only surface finishing supplier in the world that offers the two most essential finishing technologies, mass finishing and shot blasting, as well as industrial washing systems and in-house production and development

##### ELMA Schmidbauer GmbH:

ELMA is quality manufacturer of INDUSTRIAL ULTRASONIC CLEANING MACHINES & CHEMICALS along with STEAM CLEANING from more than 50 years.

##### ALICONA Imaging GmbH:

BRUKER ALICONA is a leading company in Graz, Austria manufacturing machines for HIGH RESOLUTION OPTICAL 3D MEASUREMENT SYSTEM for FORM & ROUGHNESS measurement with 360° rotation possibility.

##### IHI Bernex:

Bernex CVD systems are unmatched in their precision and reliability, providing quality coatings. Bernex develops and supplies CVD equipment for all large market players.

##### IHI Hauzer:

Hauzer has been a pioneer in plasma coating equipment since 1983. Creative solutions are part of our DNA.

##### DF SERIES : DRAG FINISHING

Polishing, deburring, rounding or smoothing: We build drag finishing systems to finish any surface quickly and affordably. From small series production to large-scale industrial manufacturing.

The OTEC drag finishing process is predestined for the finishing of large or heavy workpieces which cannot be finished in bulk. The workpieces are clamped in rotating holders and dragged through the process media at high speed. The high contact pressure and relative velocity between the workpiece and the process media gives perfect results in a very short time.

With 20 years' expertise in the design, construction and the development of efficient processes for our customers all over the world of mass finishing systems, we can truly say – OTEC makes the difference.

##### CF SERIES: DISC FINISHING

The CF machines from OTEC work on the disc finishing principle, an extremely efficient mass finishing process. During this process, the workpieces are immersed in a rotating grinding or polishing granulate in an



open, barrel-shaped process container. The medium is rotated by means of a rotating disc which forms the bottom of the container and which is separated from the container wall by an adjustable gap.

The effect of the different centrifugal forces acting on the workpieces and the abrasive medium gives a very intense finishing process. In the wet finishing process, a water/compound mixture is continuously added and drained off, taking with it the residues of the material removed.

This gives the workpieces a clean and corrosion-free surface. Many years of experience have gone into the development of these machines, which explains why they are so popular with the customers.

#### ROTARY VIBRATORS

##### A proven mass finishing technology - rotary vibrators

Rösler rotary vibrators can be adapted to automated processing at any time with modular auxiliary systems for loading, unloading, rinsing, drying and other "pre-" and "post-finish" operations.

Sturdy and easy to operate, Rösler provides vibratory installations for a wide range of applications. A wide variety of part shapes and sizes can be finished to any kind of surface requirements.

#### SHOT BLASTING

##### A Technological Leader In Mechanical Surface Finishing

Process stability, short loading and unloading times, high work piece weights and consistent shot blasting results, all these are demands that in today's manufacturing environment make the use of robots and automatic handling systems indispensable. Of course, this applies also to shot blasting systems, which are increasingly automated. Whether you are looking for initial automation concepts, detailed process solutions and cycle time studies – broken down to the costs per piece - Rösler is your qualified partner for all automation aspects. The integration of shot blast equipment into complex manufacturing centers is one of Rösler's core competencies. Custom-engineered gripper systems for precise work piece handling are developed in close cooperation with our customers and extensively tested and optimized before installation.

#### FOCUSX

##### Optical 3D Measuring Device for Dimension, Position, Shape & Roughness

Imagine a system that solves all your measuring tasks - a device that measures dimension, position, shape, and roughness in high resolution, traceability, and high repeatability - with one optical sensor. Explore FocusX - the most versatile and fastest optical 3D measuring device in its class. From highly reflective surfaces to steep flanks and complex forms, the applications of FocusX are limitless. Small radii, acute angles, and tight tolerances pose no challenge for FocusX, even in high quantities.



#### CHEMICAL VAPOR DEPOSITION (CVD) COATING SYSTEMS

The Bernex™ BPXpro series CVD (chemical vapour deposition) coating systems are robust industrial machines. These low-pressure thermal CVD coating systems are built under the highest quality standards and have proven themselves in hundreds of industrial environments worldwide. Bernex™ BPXpro CVD coating machines offer turn-key operation, with an advanced control system and self-diagnostic capabilities.

The Bernex BPXpro systems are available in long and short versions, each with the possibility to be delivered with single or dual reactor working stations. This is how we can easily upgrade the throughput of the basic single system.



[www.millenia-technologies.com](http://www.millenia-technologies.com)

## MOTOROLA SOLUTIONS INDIA PVT. LTD.

We provide military-grade video, radio, software and cybersecurity solutions. We maximise your information and intelligence advantage in defence operations.



At AEDEX, explore how Motorola Solutions has revolutionised military operations with integrated solutions designed to create situational awareness, connected intelligence, dispersed communication, and high-tempo operational execution - empowering forces to adapt, outthink adversaries and sustain mission readiness in the most demanding scenarios.

Barrett Communications. Cost-effective and efficient HF and VHF solutions to provide secure military communication capabilities in remote operational environments over short and long distances.



Silent Sentinel Jaeger. Border security, perimeter security through long range cooled & uncooled cameras. Assess threats at extreme distances before they disrupt operations or reach critical areas. The Jaeger is a rugged, modular long-range system built for demanding applications across airports, maritime, defence, border security, critical infrastructure and counter-UAS operations.



Silvus Technologies MANET radios. Provides high-bandwidth infrastructure-less ad-hoc network. Trusted by defence, government, and public safety agencies around the world, StreamCaster MANET radios deliver high-fidelity video, voice, and IP data communications at mission speed.



At the heart of every Stream Caster MANET radio is Silvus' proprietary MN-MIMO waveform - capable of linking hundreds of nodes with unmatched range, data throughput, EW resiliency and scalability.

CRFS technology is deployed by front line forces, on military ranges and bases, and by defense forces conducting critical EW operations and ISR missions. Passive, high-performance RF receivers and recorders can be quickly employed and easily tailored to military end-user and integrator requirements. Our solutions support multi-user, multi-domain missions, enabling spectrum dominance and full EMSO capability across air defense, C-UAS, EMCON, and SIGINT.



The SRX2200 P25 two-way portable radio is a battle-proven and purpose-built solution for smarter, safer missions. Combining our extensive experience with integrated Intra-Squad Radios (IISR) and rugged combat radio design, the single-band SRX 2200 delivers secure communications precisely when troops need them most.



[www.motorolasolutions.com](http://www.motorolasolutions.com)

## MOULDSPEX INDIA PVT. LTD.

Welcome to Mouldspex India Pvt Ltd !..

Advanced technical know-how and experience, high quality and on-time deliveries, are the values on which Mouldspex India Pvt Ltd has built its reputation as reliable manufacturer of Injections molds and Molded parts, Die casting Tools, with Casting Components,, This brought us recognition with many customers in NCR & other states , particularly in the field of tooling, and Component supplying.



Since we are living in times that demand a constant response to rapid development of the industrial technology, I would like to assure you that Mouldspex India Pvt Ltd has been continuously undertaking and implementing projects for Betterment of the quality of our moulds, reduction

of manufacturing costs and introduction of new machines and technologies to make for you the best possible product and not to fail the once given trust.

We are introducing our integrated manufacturing group. Alongside our established Mouldspex India Pvt. Ltd. plastic division, we have already launched SAME, (Shree Anand Mould Engineers LLP) a state-of-the-art Aluminum and Zinc Die Casting Unit in the Year 2024.

#### Our combined capabilities include:

- Die Casting (SAME): High-pressure casting for lightweight, high-strength Aluminum and Zinc alloys.
- Tooling: In-house mold and die design to ensure rapid prototyping and production.

By bridging the gap between plastic and metal manufacturing, we help our clients reduce lead times and ensure superior assembly quality.

Thanks a lot, in advance for your active support and encouragement.

#### AIR GUN COMPONENT MANUFACTURING BY MOULDSPEX

Mouldspex delivers high-precision engineering for the air gun industry, specializing in Zamak (Zinc Alloy) die casting. We provide a turnkey solution that spans from mold tool design to full-scale mass production.

##### Why Mouldspex & Zamak?

- Precision Tooling: Our custom-engineered molds ensure tight tolerance for complex triggers, frames, and internal housing.
- Zamak Excellence: We utilize Zamak for its superior fluidity, allowing for intricate, thin-walled parts that require minimal machining.
- Durability: The material provides the weight, impact strength, and corrosion resistance necessary for high-performance air guns.



By combining advanced mold-making with efficient casting, Mouldspex ensures consistent, cost-effective, and reliable component manufacturing.

#### DRONE COMPONENT MANUFACTURING BY MOULDSPEX

Mouldspex leverages advanced Injection Molding technology to produce high-performance drone parts. Our expertise covers the entire production cycle, from high-precision tooling and mold design to final mass production.



##### Why Injection Molding for Drones?

- Lightweight & Strong: We use engineering-grade polymers (like Carbon-Fiber reinforced Nylon) to ensure parts are durable yet light enough for extended flight times.
- Aerodynamic Precision: Our molds deliver the smooth surfaces and exact geometries required for efficient propellers and motor mounts.
- Scalability: Perfect for high-volume production of landing gear, battery housings, and protective shells with consistent quality.

#### AUTOMOTIVE THICK LENS MOULDING BY MOULDSPEX

Mouldspex sets the industry standard for automotive thick lens moulds by integrating 5-axis high-speed machining (HSM). We specialize in producing complex injection tools for headlamps and optical light guides where precision is non-negotiable.



##### Precision & Speed

- 5-Axis CNC Machining: Allows for the creation of intricate, deep-cavity geometries and undercuts in a single setup, ensuring perfect alignment.
- High-Speed Accuracy: Our HSM process achieves sub-micron tolerances, critical for the light refraction properties of thick PMMA and Polycarbonate lenses.
- Mirror-Finish Surface: We eliminate the need for extensive manual polishing, maintaining the exact mathematical profile required for modern automotive lighting.

#### LIGHTING HEAT SINK SOLUTIONS BY MOULDSPEX

Mouldspex provides high-performance thermal management solutions

through precision Aluminum Die Casting. We specialize in the design and production of heat sink tools specifically engineered for the demanding requirements of the LED lighting industry.



##### Thermal Efficiency & Precision

- High-Pressure Die Casting (HPDC): Our process creates intricate fin geometries that maximize surface area for superior heat dissipation.
- Aluminum Excellence: We utilize high-thermal-conductivity aluminum alloys to ensure long-lasting LED performance and stability.
- Durable Tooling: Our custom-built molds are engineered to withstand high-volume production while maintaining tight tolerances for seamless housing integration.

#### BAKELITE TOOLING FOR THE ELECTRICAL INDUSTRY

Mouldspex specializes in the engineering of high-precision tools for Bakelite (Phenolic) compression and injection moulding. We provide robust solutions for the electrical industry, where components must withstand extreme thermal and electrical stress.



##### Heat Resistance & Durability

- Thermoset Expertise: Our tools are designed to handle the specific heat and pressure requirements of Bakelite, ensuring parts maintain structural integrity at high temperatures.
- Electrical Insulation: We produce moulds for circuit breakers, switchgear, and insulators that meet strict safety standards.
- Wear-Resistant Steel: Utilizing specialized hardened steel, our moulds resist the abrasive nature of phenolic compounds for long-term production reliability.

[www.mouldspex.com](http://www.mouldspex.com)



#### MULTISPHERE POWER SOLUTIONS PVT. LTD.

Multisphere Power Solutions designs non-ITAR power conversion and networking solutions exclusively for military and aerospace applications. With more than 40 years of expertise, we deliver COTS, factory-configurable, and fully customized solutions that meet the stringent demands of modern MIL-Standards, austere environments, and rugged defense requirements.



Both our principals and Mil Power Converter Technologies India Pvt. Ltd. are AS9100D registered, ensuring world-class quality and reliability. Their advanced facilities provide comprehensive capabilities including design, prototyping, testing, assembly, characterization, calibration, and quality assurance. Combined with our innovative team, proven track record, and customer-focused approach, we deliver high-quality, HI-REL products—whether off-the-shelf, tailored, or custom-supported by superior service before, during, and after purchase.

Our global team of seasoned professionals—design engineers, technicians, subject matter experts, and solution architects—share a single mission: to create the most advanced power conversion, power management, and networking solutions for mission-critical applications. For us, this is more than work—it is our passion.

At our Gurgaon facility, we manufacture standard power supplies and networking units for customers worldwide. From raw material inspection through to final shipment, we ensure strict compliance, reliability, and performance at every stage of production.

##### MILITARY-GRADE DC-DC POWER SUPPLIES

Our rugged DC-DC power converters are engineered to operate with input voltages of 28 VDC and 270 VDC. They deliver a wide output power range from 50 W up to 2000 W, with standard output voltages available at 5 V, 12 V,

15 V, 24 V, 28 V, and 48 V. Custom voltage ranges can also be tailored to meet specific requirements.

Key features include:

- High efficiency
- Low total harmonic distortion (THD)
- High power factor
- Integrated EMI filtering



Designed for air, ground, and naval platforms, these solutions are built to withstand demanding environments and comply with MIL-STD-704, MIL-STD-1399, MIL-STD-810, MIL-STD-461, and MIL-STD-1275 standards.

#### AC-DC POWER SUPPLIES

Our rugged and reliable AC-to-DC converters are purpose-built for the most demanding military applications. Designed end-to-end for durability and performance, these units comply with stringent standards including MIL-STD-704, MIL-STD-810, and MIL-STD-461.



We offer a broad range of configurations, supporting single- or three-phase inputs at 50/60 Hz or 400 Hz. Whether you need a standard solution or a fully customized design, we can deliver the exact power supply to meet your mission-critical requirements.

#### ETHERNET SWITCHES

Ethernet has become the backbone for IP-based systems across military land, sea, and air platforms. Our compact and ultra-compact MIL-STD switches are available in both managed and unmanaged configurations, delivering rugged tactical communication solutions for command posts, ground vehicles, and airborne systems requiring LAN connectivity between IP-enabled computers and peripherals.



MILTECH switches are engineered to withstand the harsh environmental demands of modern battlefield operations. Built with sealed connectors for protection against water and dust, each unit meets stringent military standards including MIL-STD-461, MIL-STD-810, MIL-STD-1275, and IP67/68.

#### VPX VITA 62 & SOSA™-ALIGNED SOLUTIONS

The MILVPX™ family of VPX power supplies is purpose-built from the ground up to meet the rigorous demands of modern military applications across land, sea, and air domains. Tailored for defense programs yet adaptable to unique requirements, these solutions include 3U and 6U VITA 62 units, SOSA™-aligned designs, and custom form factors.

Delivering up to 1.2 kW of total power, MILVPX™ products support multiple outputs and integrate embedded EMI filters for reliable performance. Available in both off-the-shelf and fully customized configurations, MILVPX™ ensures you have the right VPX power supply solution for mission-critical needs.



#### RUGGED ROUTERS

MILTECH routers deliver transmission speeds up to 10G across both fiber and copper ports. With optimized size, weight, and power (SWaP), they are ideally suited for battlefield C4ISR operations, voice and video communications, sensor data acquisition, and mobile or shipboard platforms requiring high-volume, real-time data management.

Beyond L3 routing, these solutions also support L2 functions such as VLANs, traffic prioritization/QoS, IPv4/IPv6, bandwidth aggregation, and the latest networking protocols for redundancy, security, multicast, and system management.



Each router is ruggedized to withstand extreme conditions, featuring hardened ingress protection, impact and shock/vibration resistance, and passive cooling that eliminates moving parts for enhanced reliability. Designed for harsh environments, MILTECH routers meet stringent military standards including MIL-STD-461, MIL-STD-810, MIL-STD-1275, and IP67/68.

#### GPU/PMG POWER SUPPLIES

Our PMG-based AC-to-DC power supplies, commonly known as Generator

Control Units (GCUs), are engineered to handle the wide input range of three-phase AC power typically associated with permanent magnet generators. Designed to accommodate significant voltage fluctuations, they ensure stable and efficient performance in demanding environments.



Featuring a non-isolated topology, these GCUs deliver high efficiency in a lightweight, compact form factor—making them ideal for applications where space and weight are critical. Typical use cases include lightweight UAVs, avionics systems, electronic warfare platforms, and other advanced military technologies.

[www.mpsidia.in](http://www.mpsidia.in)



#### NAABHYA INTERCONNECT LLP

Naabhya Interconnect LLP is a precision-focused manufacturer of advanced cable assemblies and interconnect solutions, purpose-built for the aerospace, defense, and high-reliability industries.



Founded by entrepreneur Mr. Anil Kumar, Naabhya was established with a singular mission - to redefine standards of reliability and performance in mission-critical environments. From its inception, the company has been driven by a commitment to quality that goes beyond specification, ensuring every solution upholds the integrity of the systems it serves.

Today, Naabhya stands as a trusted industry leader in wire harnessing, cable assemblies, and electromechanical integration. Our advanced manufacturing capabilities, stringent quality assurance practices, and deep domain expertise position us as a long-term strategic partner — not merely a supplier.

This high-reliability MIL-STD-1553B assembly features shielded twinaxial cabling and rugged triaxial connectors. Engineered for airborne environments, it ensures seamless, EMI-protected data transfer between flight-critical avionics. The assembly is jacketed in high-temperature fluoropolymers to withstand extreme thermal cycling and hydraulic fluid exposure in defense and aerospace applications.



This high-reliability naval communication assembly features double-shielded, low-smoke zero-halogen (LSZH) cabling and corrosion-resistant maritime connectors. Engineered for shipboard environments, it ensures EMI-protected signal integrity while resisting salt spray, high humidity, and extreme vibrations. This rugged design maintains critical connectivity for radar and sonar systems in harsh marine conditions.



This high-precision Power Distribution Unit (PDU) features meticulous internal wire routing designed for high-density avionics test rigs. Utilizing ruggedized terminal blocks and MIL-spec wiring, the layout ensures optimal thermal management and EMI isolation. Each circuit is cleanly bundled and labeled, providing reliable, surge-protected power to critical flight simulation hardware.



This high-speed El Ochito® cable assembly is engineered for next-generation airborne platforms, supporting frequencies up to 40 GHz. Featuring eight precision-shielded contacts within a ruggedized circular connector, it provides exceptional signal integrity and ultra-low crosstalk for high-bandwidth avionics, electronic warfare, and mission-critical radar systems in extreme flight environments.



This high-performance power distribution assembly is engineered for the rigorous electrical demands of military rotorcraft. Featuring heavy-gauge, flexible cabling and vibration-proof MIL-DTL-38999 connectors, it ensures stable power delivery to flight-critical systems. The assembly is ruggedized with abrasion-resistant sleeving to withstand high-G loads and extreme environmental exposure.



This high-performance assembly for Direction Finder Processing Units (DFPU) ensures phase-matched signal accuracy across airborne, naval, and military platforms. Featuring high-isolation shielding and ruggedized connectors, it maintains precise tracking by eliminating interference and withstanding extreme vibrations, salt spray, and electromagnetic noise in mission-critical environments.



[www.naabhya.com](http://www.naabhya.com)

## NEODRIVE TECHNOLOGIES PVT. LTD.

Our company is a deep-tech startup focused on developing intelligent autonomous vehicle technologies for complex indoor and semi-structured environments. We specialize in artificial intelligence, robotics, sensor fusion, LiDAR-based perception, real-time localization, autonomous navigation, and intelligent decision-making systems.

Our mission is to create safe, reliable, and efficient autonomous mobility solutions that can operate independently in dynamic environments such as airports, hospitals, transportation hubs, industrial facilities, and smart infrastructure ecosystems. By combining advanced sensing technologies with AI-driven software, our platforms continuously perceive their surroundings, detect obstacles, plan optimal routes, and adapt to changing environmental conditions in real time.

We are committed to advancing the future of autonomous systems through innovation in robotics, machine perception, mapping, navigation, and intelligent automation. Our technology is designed to improve accessibility, operational efficiency, safety, and user experience while contributing to the development of next-generation smart mobility solutions.

As a technology-driven organization, we focus on building scalable autonomous platforms that support the growing demand for intelligent transportation, connected infrastructure, and AI-powered mobility across diverse industries.

Our project is an AI-powered autonomous mobility platform designed to navigate complex indoor environments safely and efficiently. The system combines LiDAR, sensor fusion, real-time localization, obstacle detection, and intelligent path planning to operate autonomously in dynamic spaces such as airports, hospitals, and transportation hubs. Advanced perception algorithms continuously analyze the surroundings, enabling safe navigation around people and obstacles while maintaining situational awareness. The platform enhances accessibility, reduces operational challenges and improves user experience through intelligent automation. By integrating robotics, artificial intelligence and autonomous navigation technologies, the solution aims to support the future of smart mobility and connected infrastructure.



## NEOMETRIX DEFENCE LTD.

Neometrix Defence Limited is an IIT-founded, DGAQA- and DRDO-accredited engineering OEM that has, for over two decades, designed and manufactured advanced test benches, test rigs, ground support equipment and turnkey high-pressure, gas and cryogenic systems across a remarkably wide range of domains. From its state-of-the-art Noida facility, a 150-strong team serves aerospace and defence aviation (test and ground support equipment for Su-30MKI, Mirage 2000, LCA Tejas, C-130J, Apache and commercial Boeing/Airbus fleets), the Indian Army (MBT and helicopter systems), the Navy (shipyard high-pressure and chemical-cleaning plants), ammunition and ordnance, nuclear, railways, medical oxygen (PSA and liquid-medical-oxygen plants), oil and gas, hydrogen and green energy, gas and cryogenics, and fire-safety and rescue. ISO 9001:2015 and AS9100D certified and a Class-I "Make in India" supplier, Neometrix has delivered 1,000+ systems to the IAF, HAL, DRDO, ISRO and global customers across Europe, the UK and the Middle East.



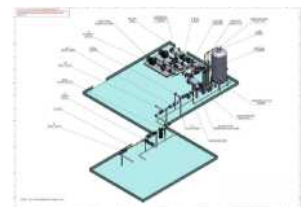
### AIRCRAFT ARRESTER BARRIER SYSTEM

A turnkey runway-safety system that arrests military aircraft during aborted take-offs or overshoots. Available in net-type and pendant-type configurations for 6–20 t and 20–40 t aircraft, it combines nitrogen-damped stanchions, precision purchase-tape energy absorbers and guided sheave assemblies with rapid electric tape retrieval. Operation is via local, remote (ATC) or manual control, backed by redundant 440 VAC / 48 VDC power. With a ≤10-minute reset and compliance to MIL-STD-3000 and ICAO Annex 14, the AABS ensures airfield safety and rapid aircraft recovery.



### AEROSPACE FUEL SUPPLY SYSTEM

A precision fuel-conditioning and delivery platform for aero-engine and propulsion test cells. It supplies aviation turbine fuel to engines under test at precisely controlled pressure, flow and cleanliness, enabling accurate measurement of fuel consumption, combustion efficiency and control-system performance. Built entirely in stainless steel with redundant pumps, dome-type pressure regulators, FAUDI filtration, KRAL metering and PLC-based automation, it ensures a stable, contamination-free and safely regulated fuel feed during endurance, performance and functional testing of aircraft engines and APUs.



### ADVANCED LIFE SUPPORT OXYGEN TEST BENCH

A precision platform that validates the reliability and safety of aircraft oxygen-delivery components. Replicating in-flight pneumatic conditions - pressures up to 200 bar and flows up to 600 L/min - it tests filler valves, non-return valves, pressure-reducing regulators and oxygen-cylinder assemblies. Constructed entirely from oxygen-compatible SS-316L within a rugged military-grade enclosure, it combines dual-stage regulation, fine-flow measurement, high-accuracy instrumentation and redundant safety mechanisms - ensuring every life-support component delivers consistent, contamination-free, fail-safe oxygen for pilot safety.



### AIRCRAFT AGGREGATE FLUSHING RIG

A high-precision maintenance and qualification system that safeguards the reliability of aviation components. Designed to purge hidden contaminants from pumps, valves, actuators and other aircraft aggregates, it drives temperature-controlled ATF through each unit under realistic flow, pressure and dynamic conditions. With multi-stage filtration, a dedicated drive motor for rotating assemblies and closed-loop fluid recovery, it restores every internal passage to aerospace-grade cleanliness. Built for production lines and MRO centres, it prevents in-service failures and certifies aggregates as flight-ready.



### 70,000 RPM AEROSPACE BEARING TEST RIG

A specialised life-testing bench that pushes high-speed rolling bearings to their limits under combined radial and axial loads at shaft speeds up to 70,000 rpm. Built for aerospace, defence and advanced rotating-machinery programmes, it recreates true operating



conditions with independent control of load, lubrication flow, oil temperature and speed, while continuously measuring torque, loads, pressure, temperature and flow. With a vector-controlled drive, precision gearbox and PC-based data acquisition, it qualifies designs, lubricants and suppliers with hard empirical data for critical applications.

#### UNIVERSAL SELF-GENERATING NITROGEN SERVICE CART (U-SGNSC)

A rugged, towable ground-support cart (Model A4029) for military aircraft servicing. Powered by a diesel engine and advanced membrane-separation technology, it generates high-purity nitrogen (>99.5%) on demand and delivers it at pressures up to 303 bar (4400 psi) for tyre inflation, landing-gear strut servicing and hydraulic-accumulator charging. With integrated compressors, dryers, high-pressure storage, PLC-based controls and service hose reels, the U-SGNSC eliminates reliance on bottled nitrogen - a self-sufficient, mobile solution for airbases and forward operating locations.



#### AEROSPACE HYDRAULIC PUMP / MOTOR TEST BENCH

A fully automated validation system ensuring the safety and mission-readiness of aircraft hydraulics. Designed to test variable-delivery axial-piston pumps with integrated pressure compensators, it replicates real-world aerospace conditions up to 270 bar, 130 LPM and 6000 RPM. The bench performs proof-pressure validation, endurance cycling, compensator calibration, stability assessment and open/close actuation to expose hidden weaknesses across the full duty spectrum. As the final quality checkpoint for aerospace hydraulics, it prevents in-service failures that could compromise flight controls or landing gear.



#### AIRCRAFT SERVO VALVE HYDRAULIC TEST EQUIPMENT

A high-precision platform that brings the high-energy environment of an aircraft engine into the test room to push servo valves to their limits. It delivers 120°C ATF, steady high-pressure lines up to 250 kg/cm<sup>2</sup> and tightly controlled flow that mimics real airborne loads, throttle transitions and thermal stresses. Every spool shift, micron of leakage and pressure response is analysed under live aero-engine conditions. With multi-stage filtration, intelligent thermal management and advanced drain-pressure regulation, it ensures each overhauled servo valve is truly flight-worthy - a precision guardian of propulsion safety.



#### ADVANCED TEST & CALIBRATION BENCH FOR INTEGRATED FUEL PUMP AND CONTROLLER

A precision facility that simulates and validates real-world operating conditions of critical aircraft fuel systems. Combining high-accuracy hydraulic delivery, pneumatic simulation and electrical drive control, it replicates engine environments with exceptional fidelity to verify, calibrate and preserve integrated fuel-pump-and-controller assemblies before installation. Equipped with multi-stage filtration, temperature and pressure regulation, closed-loop speed control and advanced safety interlocks, it guarantees repeatable, traceable results. An integrated preservation cycle protects components against corrosion - indispensable for aerospace maintenance, repair and production.



#### AIRCRAFT ELECTRO-HYDRAULIC MULTI-CHANNEL POWER DRIVE LOADING RIG

An advanced computer-controlled platform that proves the airworthiness of flight-control actuators before they leave the hangar. By recreating real aerodynamic flight loads - up to 24,000 kgf - it measures actuator displacement, response speed, dynamic behaviour, leakage integrity, redundancy balance and stall characteristics with uncompromising precision. A high-pressure hydraulic power system, lever-amplified load mechanics, intelligent multi-channel data acquisition and automated reporting deliver a repeatable, traceable validation ecosystem - a critical asset for OEM qualification, military depots, civil MRO centres and R&D.



#### FUEL CONTENTS GAUGING PROBE TEST RIG - LIGHT COMBAT HELICOPTER

A specialised electronic test bench ensuring the reliability of the Light Combat Helicopter's fuel-gauging system - the last line of defence before sensors are cleared for flight. Built around a wet test tank with millimetre precision, it simulates real fuel conditions using surrogate fluids, measuring FCG-probe time-period output against actual liquid levels, verifying electrical integrity through insulation and hipot testing, and checking level-switch accuracy and hysteresis. A modern data-acquisition system logs every parameter and produces traceable calibration reports to aerospace QA standards.



#### OXYGEN COMPONENT TEST BENCHES

A complete suite of precision systems for qualification, acceptance and R&D testing of oxygen-critical components across aerospace, defence, medical and industrial sectors. Built to stringent international standards (ASTM, NFPA, ISO, CGA), the benches safely and repeatably test regulators, valves, flow meters, masks, instruments and safety devices under high-pressure oxygen service. Each incorporates oxygen-clean materials, helium leak detection, slow-fill and filtration safety systems, and fully automated PLC-SCADA controls for absolute operator safety and data integrity - a turnkey, certifiable oxygen-testing ecosystem.



[www.neometrixgroup.com](http://www.neometrixgroup.com)



#### NETERWALA GROUP, METALLURGY DIVISION

Neterwala group's metallurgy division is the founding pillar of the group catering to sectors like aerospace, defence, space, medical, petrochemical and fertilizer plants.

The Tritech Group, comprising Uni Tritech (India) and Tritech Precision (UK), specialises in high-quality precision cast components for aerospace, defence, medical and related industries. With 40 years of experience and eight manufacturing facilities across UK and India and an in-house engineering research and development center, they deliver complex, high-integrity components with global consistency, advanced machining, and a strong commitment to quality and sustainability.

Uni Deritend, leading investment casting manufacturer delivers precision components for defence, automotive, construction and industrial applications. Backed by advanced manufacturing, robotic shelling and in-house R&D, it focuses on scale, consistency and innovation.

Uni Abex is a pioneer in India's centrifugal and static alloy castings for heat, wear and corrosion-resistant applications, serving the petrochemical, fertiliser, iron & steel, DRI and separation industries. The company is publicly listed on the Bombay Stock Exchange.

Precision investment castings that meet the stringent quality and reliability standards required in military and defence equipment. Our castings are deployed in land, naval, and aerospace defence applications where performance, consistency, and traceability are non-negotiable. Defence components we cast include:

- Firing and trigger system parts
- Submarine valve and control components
- Radar and guidance equipment brackets
- Engine and fuel system components



Neterwala  
METALLURGY DIVISION



A Neterwala Group Company



Uni Deritend Ltd  
A Neterwala Group Company



A Neterwala Group Company

- Specialized fasteners and couplings

Investment casted and precision machined housing component.

Fuel Connectors are an integral part of the fuel system placed within an aircraft wing. We supply large variety of these in high quantities to top aircraft manufacturers.

We cast an array of Aluminium and Steel castings for Aircraft interior used in seating and lighting systems.



[www.neterwala.com](http://www.neterwala.com)

## NISCHAL ENGINEERING CO. PVT. LTD.

Nischal Engineering Co. Pvt. Ltd., established in Mumbai in 2009 having its manufacturing facilities at Umbergaon - Gujarat, carries forward a legacy of over four decades as the parent company of Metal Crat (1979). The company seamlessly blends experience with innovation to deliver reliable, high-quality engineering solutions across India and internationally. Specializing in pressure vessels, heat exchangers, heavy structural steel fabrication and machining, Pipe Supports, Heavy foundation bolts & etc. NECPL serves industries for major EPC project of Hydrocarbon which includes, refineries, petrochemical, Oil & Gas, fertiliser, and power Industries. Driven by a vision to transform ambitious ideas into engineering excellence, the company emphasizes quality, safety, and continuous improvement. Backed by a skilled and adaptive team, it consistently delivers customized, durable solutions. Committed to precision and reliability, Nischal Engineering is strategically prepared to expand its footprint into the aerospace & defence + airport sectors.

Heavy Steel Structural Fabrication involves the design and manufacturing of Corrugated Steel Wall Panels for Oil & Gas Industries, Industrial Silencer, SS 316 L Louvers.

Wheel & Shaft Forging of EN 8 & EN 9 material duly hardened & tempered & UT passed, with precise machining.

Self-Locking Pins and Washers are precision-engineered fastening components designed to ensure secure and vibration-resistant connections. They feature built-in locking mechanisms that prevent loosening. Easy to install and remove, these components enhance safety, reliability and efficiency in industrial, mechanical and offshore applications where dependable fastening is critical.

Pipe Supports are essential structural components designed to hold, guide, and stabilize piping systems in industrial and offshore environments. They help manage loads, control movement caused by thermal expansion or vibration, and ensure proper alignment of pipelines. Items covered U Bolt, Pipe Clamp, Reinforcement Pad & etc. Engineered for strength and durability, pipe supports enhance system safety, reduce stress on pipes, and extend the overall lifespan of piping infrastructure.

Stack Dampers are flow control devices installed in exhaust stacks and ducting systems to regulate the release of gases. They help control airflow, isolate sections during maintenance, and improve operational efficiency by managing pressure and temperature conditions. Built for high-temperature



and corrosive environments, stack dampers ensure safe, reliable, and efficient performance in industrial plants and power facilities.



Stainless Steel (SS) Ducts are high-performance air and gas conveying systems designed for durability and corrosion resistance. Ideal for industrial and process environments, they ensure efficient airflow, withstand high temperatures, and maintain hygiene standards. Precision-fabricated for strength and leak-proof performance, SS ducts are widely used in HVAC systems, chemical plants, Oil & Gas, Fertiliser projects.

## NOVATECHNOCAST PVT. LTD.

Nova Group, a precision engineering firm specializing in high-performance metal component solutions for the aerospace and defence sectors. With deep-rooted expertise in investment casting, precision machining, shell moulding, aluminium gravity die casting (GDC), pressure die casting (PDC), forging, and integrated sub-assembly services, we are uniquely positioned to support mission-critical manufacturing programs.



### Who We Are

At Nova Group, we understand the rigorous quality, performance, and compliance standards demanded by the aerospace and defence industries. Our infrastructure is geared to support production of complex, high-integrity parts-ranging from lightweight aluminium alloy castings to high-strength forged assemblies-engineered for extreme operating environments and aerospace-grade tolerances.

### Our Core Capabilities Include:

- Investment Casting – Intricate geometries with tight tolerances using ferrous and non-ferrous alloys.
- Sand Casting
- Precision Machining – 3/4/5-axis CNC machining with in-house tool design, jigs, and fixtures.
- Shell Moulding – High-volume, repeatable parts ideal for structural and mechanical components.
- Aluminium GDC & PDC – Lightweight, high-strength components for aerospace frames, housings, and heat exchangers.
- Closed-Die Forging – Superior mechanical properties for high-load applications.
- Sub-Assembly Solutions – Turnkey delivery including part integration, surface finishing, and testing.

### We work with a comprehensive range of materials tailored for aerospace and defence use:

- Stainless steels
- Titanium
- Super alloys: Inconel, Monel, 4A/5A/6A grades, Hastelloy
- Carbon steels
- Non-ferrous alloys: Brass, aluminium, copper alloys, and copper-brass

All castings and materials conform to global specifications such as ASTM, AMS, AISI, DIN, GOST, JIS, B.S., SAE, and IS standards.

### PRODUCT EXPOSURE - NON-FERROUS CASTINGS

- Brass Castings
- Gun Metal Casting / CC491K
- Aluminum Bronze



Castings AB1, AB2, C95800, CuAl10Ni

- Aluminum Castings LM6, LM13, LM25

#### PRODUCT EXPOSURE - GENERAL ENGINEERING

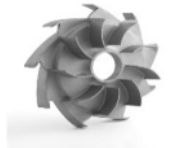
- Switchgear
- Pulp & Paper
- Hoist
- Chemical Industries
- Food & Beverage
- Dairy Machinery



**Centrifugal pump casing (housing):-** A centrifugal pump casing (or housing) is the outer protective shell that encloses the internal rotating parts, primarily the impeller. Its primary uses are to contain the fluid, convert the kinetic energy generated by the impeller into pressure energy, and direct the fluid smoothly toward the discharge pipe.



**Impellers:-** They are the driving force at the heart of centrifugal pumps, compressors, fans, and mixing equipment across various industries.



[www.novatechnocast.com](http://www.novatechnocast.com)

#### PARAS WIRES PVT. LTD.

Paras Wires Pvt. Ltd. is a professionally run business. Starting with only 4 employee and the passion to innovate, over a 100 employees and a very strong R&D team. Rupin Surana, under the supervision of our M.D. Anil Surana, who holds a rich industrial experience we have developed strong supply chain management and operational excellence across the globe. Paras believes in 100% customer satisfaction. We offer wide range of specialized products of high quality and customized solutions. We stand committed to our customers for delivering high quality, safe and reliable products and solutions.

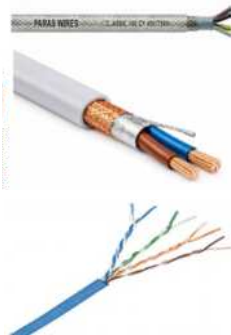
Paras Wires™

**CE-"EN 50525-3-41/EN 50525-1:2011"- PVC insulated Shielded Multicore**

##### Performance Range:

- Voltage rating: 300/500 V
- Temperature Range: -15 C to +70 C (Standard), upto +90 C
- Conductor: Annealed Copper, Class 5 Flexible (as per IEC 60228)
- Insulation: PVC (Type TI1 / TI2)
- Standards: EN 50525-2-31, EN 50536, IEC 60502-1, RoHS Compliant, (Lapp Oflex Equipment)
- Shielding: Overall, Copper Braid / Aluminium Mylar with drain wire for EMI Protection

**Application:** Signal, Control and instrumentation wiring in panels, automation systems and low voltage equipment requiring noise immunity.



#### CAT CABLES U/UTP & S/STP ETHERNET CABLE

#### HIGH PERFORMANCE COAXIAL & TRIAXIAL CABLES

##### Performance Range:

- Temperature: -65 C to +250 C
- Standards: MIL-C-17, HAL letters for airworthiness



- Specification: Light weight, Excellent Chemical resistance High Performance communication cables, Excellent Cut-through & creep resistance

- Types: RG174/178/179/318 and many more

Uses: Flight Control & communication systems, engine areas, landing gear systems, avionics Harness

#### WIRE HARNESS TM-INDUSTRIAL/CONTROL CABLE ASSEMBLY

##### Applications:

- Automotive Electricals systems.
- Industry machinery.
- Control panels and power distribution.
- Aerospace & defense subsystems.

##### Durability:

- Resistance to abrasion, bending, and mechanical stress.
- Suitable for harsh environments including high humidity, oil, grease, and dust.
- Heat-resistant insulation materials.



[www.paraswires.net](http://www.paraswires.net)

#### PEI-GENESIS CONNECTIVITY SOLUTIONS INDIA PVT. LTD.

Founded in 1946, PEI-Genesis is one of the world's fastest assemblers of precision connectors and cable assemblies. From the largest connector component inventory in the world, they develop engineered solutions that support the military, industrial, medical, aerospace, transportation, and energy sectors worldwide. Headquartered in Philadelphia, PA, PEI-Genesis has production facilities in South Bend, IN; Southampton, UK; Louny, Czech Republic; Zhuhai, China and Pune, India, as well as sales offices throughout the Americas, Europe, and Asia.

#### MIL-DTL-38999 SERIES III TV-CTV CONNECTORS

MIL-DTL-38999 Series III TV-CTV connectors are designed for mission-critical aerospace and defense applications requiring exceptional reliability in harsh environments. Featuring a rugged threaded coupling mechanism, they provide superior resistance to vibration, shock, moisture and extreme temperatures. Their high contact density and proven performance make them ideal for avionics, military communications, radar systems, electronic warfare equipment and ground defense vehicles.



#### MIL-DTL-38999 SERIES I & II CONNECTORS

MIL-DTL-38999 Series I and Series II connectors provide reliable interconnect solutions for aerospace, defense and industrial applications. Available with bayonet coupling and lightweight configurations, they offer fast mating, excellent environmental sealing, and dependable electrical performance. These connectors are widely used in communications systems, avionics, naval equipment, and military electronics where durability and operational reliability are essential.



#### INTEGRATED BACKSHELL SOLUTION (F472)

The F472 Integrated Backshell combines connector and backshell functionality into a single compact assembly. This innovative design reduces installation time, lowers component count and simplifies cable management while maintaining full MIL-DTL-38999 environmental protection. Ideal for aerospace and defense platforms, the F472 helps



reduce system weight, improve assembly efficiency and streamline procurement and maintenance activities.

#### STAND-OFF SOLUTIONS (F459 & F059)

The F459 Stand-Off Double Flange Receptacle is designed to improve system integration, accessibility, and installation flexibility in aerospace and defense applications. Its stand-off configuration provides additional clearance between the connector and mounting surface, facilitating easier cable routing, PCB integration, inspection and maintenance. The double-flange design offers enhanced mounting stability while maintaining the rugged environmental and mechanical performance expected from MIL-DTL-38999 interconnect systems. Ideal for space-constrained electronic assemblies, the F459 helps engineers optimize equipment packaging, simplify installation, and improve long-term serviceability without compromising reliability.



#### REDUCED FLANGE SOLUTIONS

The F059 Reduced Flange Stand-Off Receptacle combines the benefits of stand-off mounting with a reduced flange design to deliver a compact, lightweight interconnect solution. Engineered for applications where space and weight are critical, it provides improved accessibility for cable routing and assembly while minimizing mounting footprint requirements. Designed to maintain the proven reliability and environmental performance of MIL-DTL-38999 connectors, the F059 is ideally suited for aerospace, defence, and advanced electronic systems requiring optimized packaging and efficient use of available installation space.



[www.peigenesis.com](http://www.peigenesis.com)



### POWERTEC SUPPLIES INDIA PVT. LTD.

Powertec Supplies is an Indian company specializing in the design and manufacture of high-reliability power supply systems. Aligned with the Make-in-India initiative, Powertec delivers indigenous power solutions engineered to meet India's unique operational and environmental challenges. The company focuses on mission-critical sectors where power failure is unacceptable, including defense, railways, industrial automation, and medical applications.

**POWERTEC**

Powertec Supplies India Pvt. Ltd.

Powertec follows a collaborative, customer-centric approach, working closely with clients to understand specific requirements and develop customized solutions using proprietary technologies. This commitment is reinforced by stringent quality standards—products are built using mil-spec components and undergo rigorous testing to ensure long-term durability and reliability.

The product portfolio includes Power Supply Units, DC-DC and AC-DC converters, Automatic Transfer Switches (ATS), ORing and blocking diodes, MOSFET solutions, and custom cables and harnesses. In addition to products, Powertec offers strong after-sales support, a technical helpline, on-site audits, and an expanding distributor network, strengthening its position as a trusted power solutions partner in India.

We are authorized distributors of SynQor, a global leader in military-grade DC-DC converters, filters, and power systems. Designed to meet stringent military standards, SynQor solutions deliver exceptional ruggedness, reliability, and performance in the most demanding environments.

Trusted across the defense industry, these solutions power mission-critical systems including weapon platforms, communications, radar/sonar, and vehicle computing.

Additionally, as distributors of COSEL and P-



DUKE, we offer a comprehensive portfolio of high-quality power solutions for defense, industrial, medical, and transportation applications—ensuring long-term reliability and compliance.

The system features a 28VDC input/output with Li-ion battery backup, designed for uninterrupted operation in demanding environments. This rugged AC/DC battery pack is ideal for industrial and mission-critical applications. It offers comprehensive protection against surge, burst, fast transients, and lightning, ensuring reliable performance under harsh electrical conditions. Built-in over-voltage, short-circuit, and over-current protection enhances system safety, durability, and long-term reliability.



The system is a 50 kW power solution with a 3-phase, 4-wire (3Φ/4W) input and 28 VDC multi-output architecture, designed for high-power, mission-critical applications. It features liquid cooling plates for efficient thermal management and reliable operation under high load conditions. Built as a rugged AC/DC converter, it is suitable for military and harsh industrial environments. The system provides comprehensive protection against input transients, surge, burst, and lightning, along with built-in over-voltage, short-circuit, over-current, and over-temperature protection, ensuring long-term reliability and safe operation.



Its power supply is a rugged DC-DC converter designed for MIL-STD compliant applications, featuring conduction cooling for reliable thermal performance in harsh environments. It operates with a +28 VDC input, making it suitable for defense and mission-critical systems. The unit is fully protected against over-voltage, short-circuit, over-current, and over-temperature conditions, ensuring safe operation, high reliability, and long service life in demanding applications.



[www.powertecsupplies.com](http://www.powertecsupplies.com)



### PRINT PACK LABELS LLC, UAE

PRINT PACK LABELS LLC, UAE WAS FORMED IN THE YEAR 2014 IN THE VIBRANT BUSINESS HUB OF UNITED ARAB EMIRATES WITH THE SOLE INTENTION TO PRODUCE AND SUPPLY IATA COMPLIANCE PRINTED ITEMS TO VARIOUS AIRLINES AND GROUND HANDLING COMPANIES WORLD OVER.



OVER THE YEARS PRINT PACK LABELS LLC HAS GROWN AND MADE A REPUTED NAME IN THE AVIATION INDUSTRY WITH CUSTOMERS RANGING FROM MIDDLE EAST, AFRICA, ASIA AND PACIFIC.

TODAY THE ORGANISATION IS SERVING TO MORE THAN 30+ CUSTOMERS IN THE AVIATION SECTOR.

PRINT PACK LABELS LLC HAS PIONEERED IN MANUFACTURING PRODUCTS AS PER IATA STANDARD PROCEDURES LIKE

- THERMAL BOARDING PASSES (PLAIN AND PRE PRINTED WITH FULL COLORS ON BOTH SIDES)
- THERMAL BAGGAGE TAGS IN VARIOUS SIZE
- CABIN TAGS
- PRIORITY TAGS
- FRAGILE LABELS
- MANUAL / DELIVERY AT AIRCRAFT TAGS WITH REPRINTED SEQUENTIAL BARCODES



- SECURITY STICKERS
- KIOSK BOARDING PASSES
- KIOSK BAGGAGE TAGS

**Thermal Baggage Tags:** Guiding and tracking of baggage during the itinerary. Used as Interline, on-line, point-to-point Tags Printed on demand at the check-in, with passenger- and flight-information License-Plate Bar-code Optional with RFID-device UHF Gen 2

**Thermal Boarding Pass:** in the DCS-System (Departure-Control-System) to provide a common system of identification for boarding- procedures Printed on demand at the check-in, with passenger- and flight-information (IATA RP 1723)

**Kiosk Boarding Pass:** Usage in the DCS-System (Departure-Control-System) to provide a common system of identification for boarding- procedures Printed on demand at the CUSS – CUPPS Kiosk, with passenger- and flight-information (IATA RP1706, Rp1797)

**CABIN TAGS** are small identification labels attached to luggage or personal items that are carried into an aircraft cabin. They help airline staff and passengers quickly identify the owner, flight, and destination of the bag, ensuring proper handling and easy retrieval.

**Fragile Labels** are specially designed stickers or tags used to indicate that the contents of a package are delicate and require careful handling during transportation and storage. They serve as a visual warning to shipping personnel, handlers, and receivers to prevent damage to sensitive items such as glassware, electronics, ceramics, or other breakable products.

**SECURITY STICKERS-** Identify X-Rayed luggage Sealing Aircraft-doors, hatches, life vest holders etc.

[www.printpackllc.com](http://www.printpackllc.com)



machine tools, chemicals, paints, auto parts, etc. Our team handles all steps of the import process, starting from the purchase to customs clearance and door-to-door delivery. If you aren't familiar with the Russian market and need help, our service is designed to save time, reduce risks, and simplify cross-border transportation. All you need is to share your request with us.

#### RUSSIAN GOODS PROCUREMENT

If you need an intermediary for negotiations with a Russian supplier and further procurement, we are here to offer this service. In Russia there are plenty of manufacturers. In case you don't know the market well, it can be challenging to choose a good one. Besides, payment directly to the manufacturer can become a stumbling stone. Finally, it's better for you to have a representative who can ensure the goods meet quality standards and be responsible for the whole process. Just contact us and we begin to act.

#### TURNKEY LOGISTICS SERVICES

Turnkey logistics service is an end-to-end solution for cargo owners. Being an international company and experienced freight forwarder, we offer a cost-efficient worldwide delivery. Depending on the cargo type, its location and destination, we offer international air, sea, road and rail transportation (FCL/LCL/FTL/LTL). Route planning, customs clearance, permits and licenses, carrier coordination, and cargo insurance are all on us, ensuring safe and reliable transportation tailored to your needs.

<https://promelectronica.in/>



#### PROTECTRON ELECTROMECH PVT. LTD.

PROTECTRON is a precision engineering company specializing in high-reliability fuses and connector solutions for defence and mission-critical applications. With certified manufacturing standards including ISO 9001 and IATF 16949, we design and produce a wide range of products such as 2-row, 3-row and 4-row connectors, power signal connectors, circular connectors, pin and female headers, pogo pins and rugged fuse technologies.

Our solutions are engineered to perform in harsh environments, ensuring durability, electrical integrity, and consistent performance under extreme conditions. Backed by advanced manufacturing capabilities and strict quality control, PROTECTRON supports defence electronics, communication systems and embedded applications with dependable interconnect and protection solutions.

We are committed to innovation, precision and delivering trusted products that meet stringent defence requirements.

##### 2 ROW CONNECTORS

- Pitch:2.0 mm
- No of contacts: 4-60
- Male and female connectors
- Straight/Right angle/SMT
- D Compliance MIL standards



##### 3 ROW CONNECTORS

- Pitch:2.0 mm
- No of contacts: 11-206
- Male and female connectors
- Right angle
- Compliance MIL standards



##### 4 ROW CONNECTORS

- Pitch:2.0 mm
- No of contacts: 86-404
- Male and female connectors
- Right angle



#### PROMELECTRONICA TRADING PVT. LTD.

PROMELECTRONICA TRADING PVT. LTD. is an importer of electronic components, materials, and equipment of Russian origin. Capacitors, semiconductors, transistors, resistors, lamps, IC's - this is just a tiny piece of spare parts we can offer. We are in the market for more than 10 years and can proudly say we've managed to become our clients' trusted supplier. We are responsible for all the import steps from the very beginning. Our collaboration with a great number of international companies lets us arrange a safe transportation within the shortest possible time, customs clearance, and door-to-door delivery. All our products are under 3 months' warranty and we are open to solving any issues quickly.

##### RUSSIAN ELECTRONIC COMPONENTS

Import of Russian electronic components is one of our strongest specializations. Wires, connectors, capacitors, transistors, diodes, indicators, switching devices, IC's, and many other spare parts - our import database contains more than 50,000 items and this number is constantly increasing. The components we offer are designed for usage in industrial, defense, and consumer spheres. We cooperate with plenty of manufacturers and can provide not only components of high quality but also all the required certificates. Sometimes we have to deal with rare parts, which are not produced any more. Not a problem - we are ready to make a search upon your request.

##### IMPORT FROM RUSSIA

Import from Russia is a service of arranging full-cycle international transportation for various products of Russian origin: spare items for



**Promelectronica Trading**

#### ACTUATED CARD LOCK

- Lever actuated wedge action
- Spring actuated wedge action
- Defence application

#### POWER & SIGNAL CONNECTOR

- Power contact:15A
- Signal contact:2A
- No of poles:5
- IP rating : Ip68

#### POGO PINS

- Pogo Pins
- Threaded type pogo pins
- Operating Current : 1 A

#### CIRCULAR CONNECTOR

- Voltage rating:600V
- Current rating:7.5A
- No of poles:6

#### CIRCUIT BOARD COMPONENT SHIELDING

- Custom designed covers and fences
- Available in single part or two part construction

#### D SUB CONNECTOR

- Working voltage : 60V
- Operating temperature range :- 25°C to +105°C
- IP rating : Ip67
- D sub plug waterproof

#### FEMALE HEADERS

- Pitch:1.0mm/1.27mm/2.0mm/2.54mm
- Single row/Double row
- D Straight/Right angle/SMT
- Machined contacts /Formed contacts

#### PIN HEADERS

- Pitch:1.0mm/1.27mm/2.0mm/2.54mm
- Single row/Double row
- Straight/Right angle/SMT

#### ETHERNET CONNECTOR

- Working Voltage :100 V DC
- Current rating : 1.2A MAX at 25C
- IP rating : Ip67
- Panel mountable connector

[www.protectron.in](http://www.protectron.in)



## QV STRATEGIC CONSULTING LLP

#### Products / Services

At QVSCL, we offer a comprehensive suite of business solutions including Investment Banking (M&A advisory, equity funding, private equity), Management Consulting (corporate strategy, business transformation, risk



management, sustainability), and Digital Services (advanced analytics, AI enablement). We help organizations identify bottlenecks across processes, people, and strategy, and resolve them through IT tools and dashboards. Our additional offerings include debt syndication, cost reduction, human resources optimization, and start-up growth strategy. We serve industries such as FMCG, Retail, Agriculture, Dairy, Automobile, Engineering, and Healthcare.

#### Organization Profile

QV Strategic Consulting LLP (QVSCL) is a premier investment banking and management consulting firm headquartered in Gurugram, Haryana. Founded in 2024 by Mr. Lalit Kumar Huria, a veteran Chartered Accountant and CPA with over 30 years of experience, the firm specializes in driving business growth through tailored financial solutions and strategic advisory.

#### Core Expertise

QVSCL operates at the intersection of finance and strategy, providing high-impact services across several domains:

- Investment Banking: Expert guidance in Mergers & Acquisitions (M&A), equity funding (from Seed to Pre-IPO), and private equity advisory.
- Corporate Finance: Specialized solutions in debt syndication, financial restructuring, and risk management.
- Strategic Consulting: Developing comprehensive frameworks for market positioning, corporate governance, and business transformation.
- Digital Transformation: Leveraging advanced analytics and AI solutions to optimize operations and decision-making.

#### Our Value Proposition

The firm is dedicated to empowering startups, SMEs, and large enterprises across sectors such as FMCG, Healthcare, and Manufacturing. By combining deep industry insights with a data-driven approach, QVSCL helps organizations identify bottlenecks, optimize costs, and achieve sustainable long-term growth. Built on the pillars of honesty, integrity, and excellence, QVSCL serves as a trusted partner to leaders seeking to navigate complex market dynamics and maximize shareholder returns.

For more information, visit the QV Strategic Consulting LLP official website or connect via LinkedIn.

[www.qvscl.com](http://www.qvscl.com)



## RAY-Q INTERCONNECTION TECHNOLOGIES INDIA PVT. LTD.

#### About Ray-Q

Ray-Q, was established in 1969. The partnership with the customers in the design and supply of high Quality electrical interconnect solutions has earned the company a leading status with the military, aerospace and other high reliability products industries.



The company offers a varied range of services including:

- Reliable supply of components, from either local inventory or directly from the manufacturer
- Design and documentation services electrical wiring and harnessing
- Prototype assembly line
- Electrical Harnesses testing & qualification facilities
- Electronic quoting and ordering
- Extensive inventory and distribution facilities
- On site Customer training and installations

#### About TTI

TTI was founded in 1971 specifically to serve military customers with MIL-Spec passive components. Today,TTI maintains that dedication with the industry's broadest and deepest inventory of military passives, as well as continually expanding lines of electromechanical components and discrete offerings to ultimately reduce your total cost of ownership. The product



specialists at TTI have extensive knowledge of MIL-Specs and their relationship with commercial parts. The ability of TTI Specialists to cross-reference part numbers, make cost effective recommendations, and identify product upgrades can help answer your most difficult questions and satisfy your toughest requirements.

#### FIBER-OPTICS

The assembly of Fiber-Optic cables requires specialized technical expertise and a unique manufacturing infrastructure. Ray-Q's in-house Fiber-Optic cable assembly capability enables us to provide our customers with the best solutions in the best turnaround time, including flexibility in cable and hybrid connector specifications, design and assembly.



#### POTTING & MOLDING

In addition to its ability to supply a complete range of off-the-shelf connectors, Ray-Q provides in-house, specialized Potting & Molding solutions to secure, seal and protect connections against liquid and gas penetration, strain damage and electro-magnetic interference (EMI), while also enabling space and weight economy through optimum shape and fit of cable connections to suite each specific application. Ray-Q engineers are able to provide molding solutions quickly, using rapid-prototyping techniques.



#### CABLES FOR DYNAMIC APPLICATIONS

Ray-Q has developed expertise and a comprehensive knowledge base around cables and harnesses for dynamic applications, beginning from our extensive experience with head-mounted systems in the aerospace and medical fields, and continuing through multiple industrial, military, agricultural and medical applications. Highly Flexible cables and harnesses with high flex life and rugged sustainability, together with the appropriate connectors and accessories, form the basis of many applications.



#### HIGH COMPLEX HARNESSSES

Assembly of the central harness of a large Unmanned Aerial Vehicle (UAV) can take up to a few hundred man-hours. Each harness needs to be tested for weight, continuity, integrity, insulation resistance, 3-dimensional mechanical layout, and power leakage, under stringent conditions of stress. Time is a limited resource, so there is no room for error in the design, assembly and testing of such harnesses for sophisticated applications. Mistakes are exorbitantly expensive.



Experienced, professional and highly responsible Ray-Q engineers and cable technicians place 100% focus on each and every detail in the design, assembly and all the stages of the inspection process.

#### DESIGN AND ENGINEERING

Ray-Q engineers begin from a macro understanding of the purpose and function of our customers' systems. Involving our highly experienced engineers in your early design stages brings added value to your design and manufacturing by anticipating future challenges, reducing weight and space requirements, and other applications of our knowledge base.



Ray-Q has learned, from over 49 years of hands-on experience in sophisticated applications, to provide interconnect solutions, components and harnesses which are resilient and which function optimally under the toughest mechanical, mobility and environmental conditions.

Ray-Q provides support to the full range of services in the field of interconnect design and engineering. This includes: Mechanical and electrical design of interconnect systems, prototyping, designing, manufacturing and testing processes, technical support specifications and documentation, training, harness fabrication.

#### DISTRIBUTION AND SUPPLY CHAIN

TTI Ray-Q's highly qualified team in the fields of material management, logistics and supply chain management, will offer a tailored and optimized supply chain model, designed to



suite your needs and to significantly increase your supply chain reliability. In addition to its logistic facilities in the US, Germany and Israel, TTI-Ray-Q provides worldwide logistics from its manned, unmanned and hub stores of all kinds. These can range from "consignment stock", whereby TTI Ray-Q's own stock is held at the customer's site, with ownership transfer when the product is consumed, to a fully-serviced and manned in-plant store, where TTI Ray-Q completely manages the supply chain and materials management functions on behalf of the customer.

[www.ray-q.com](http://www.ray-q.com)

### RF ELECTRONICS

RF Electronics is a global designer, developer, and manufacturer of advanced RF Shield Chambers and Shield Test Boxes for high-performance wireless testing applications, including EMC, 3G, LTE, 5G, Bluetooth, LoRaWAN, and V-Band. With over 16 years of proven expertise, we serve as a trusted OEM partner to leading organizations such as Broadcom, Qualcomm, Apple, Tesla, Intel, and global defence institutions.



Our solutions deliver exceptional shielding effectiveness ( $\geq 120$  dB), advanced filtered I/O interfaces, and rugged, user-friendly designs optimized for R&D, validation, and production environments. We specialize in both standard and fully customized RF shielding systems tailored to defence and aerospace requirements.

Visit us to explore innovative, reliable RF isolation solutions designed to meet the evolving demands of modern defence and aviation technologies.

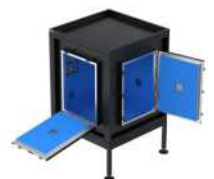
#### HEFTRK-42U32-B – WFA PRE-COMPLIANCE TEST BED

An integrated RF Shield Box with testbed assembly designed for Wi-Fi Alliance (WFA) pre-compliance testing. It enables accurate validation of wireless performance in controlled RF conditions, supporting RvR, throughput, and coexistence test scenarios. With high shielding effectiveness ( $\geq 120$  dB), modular rack integration, and automated DUT handling capability, it is ideal for defence, aerospace, and telecom labs requiring reliable and repeatable pre-certification testing environments.



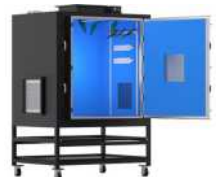
#### HDRF-CM3111-A – SHIELD BOX FOR CHROMA CM3111

A dedicated RF Shield Box designed specifically for integration with the Chroma CM3111 test handler. It ensures precise RF isolation for high-volume production testing of wireless devices. Featuring robust construction, filtered I/O interfaces, and seamless handler compatibility, it supports consistent and repeatable measurements for Bluetooth, Wi-Fi, and cellular devices in manufacturing and validation environments.



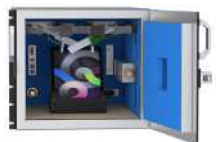
#### HDRF-7110-D – MULTI-APPLICATION RF SHIELD BOX

A versatile RF Shield Box suitable for a wide range of test applications including RvR, OTA, and MIMO testing for Bluetooth, Wi-Fi, and cellular devices. It provides high shielding effectiveness and stable RF conditions for accurate performance validation. Designed for flexibility, it supports multiple configurations, making it ideal for R&D labs, defence electronics testing, and wireless device validation.



#### HDRF-1560-BO – RACK MOUNT SHIELD BOX FOR VERTICAL TEST BEDS

A compact rack-mount RF Shield Box optimized for building vertical test setups. Ideal for RvR, roaming, and pre-compliance testing of Bluetooth, Wi-Fi, and cellular devices, it enables efficient space utilization in automated lab



environments. With high shielding performance and integrated filtered interfaces, it ensures reliable and repeatable testing in dense rack configurations.

#### **HDRF-245181-C – HIGH-DENSITY INTERFERENCE SHIELD BOX**

Engineered for shielding dense power setups, AI nodes, and interference-sensitive environments. This RF Shield Box delivers strong isolation for accurate interference and EMC testing. Its large form factor and customizable interfaces make it suitable for complex defence, aerospace, and high-performance computing applications where signal integrity is critical.



#### **HDRF-3699-C – ENVIRONMENTAL RF SHIELD BOX**

An RF Shield Box designed for voltage and temperature-based testing of Bluetooth, Wi-Fi, and cellular devices. It enables stable RF isolation while supporting environmental test conditions required for reliability validation. Ideal for R&D and qualification labs, it ensures accurate performance analysis under varying electrical and thermal conditions.



[www.rfelectronics.net](http://www.rfelectronics.net)



### **ROTARY CONNECTORS PVT. LTD.**

Rotary Connectors (P) LTD is a manufacturer and a market leader of interconnection solutions. RCPL is one of the few Indian companies which manufacture's high performance MIL grade circular connectors. The expertise and capabilities acquired over two decades of experience has enabled us to provide solutions to various verticals (Military, Aerospace, Industrial, Information Technology and Data Communication) in the market. We deliver Total Quality Assurance and ensure that all of our products meet quality, reliability, environmental and safety standards for virtually any market around the world.

We hold extensive global accreditations (MIL-790 by the US Military, LCSO Qualification by the Indian Military), recognitions and agreements, and our knowledge and expertise in overcoming regulatory and market is unrivalled. Being a wholly indigenous organization supported by experienced and qualified techno crafts, Rotary makes it possible to supply a wide range of products at the right time with right quality at an economical price. Exceeding the expectations of our customers and there by delighting them continuously is an integral part of our company's practices.

#### **MIL-DTL-38999 SERIES III CEMILAC APPROVED**

Salient Features:

- High-Density Insert Arrangement Conforming MIL-STD-1560
- Triple Start Coupling, Shell Size From 9 T025 Power Electronics
- Contact Protection: 100% Scoop proof
- RFI/EMI Shielding And Shell To Shell Conductivity
- Operates within the In Temperature Range Of -65°C To +200°C



#### **M85049 SERIES QPL APPROVED**

Salient Features:

- Light Weight, Miniature
- Support the cables
- Provide Environment Protection
- Provides RFI/EMI Shielding.



#### **MIL-DTI-26482 SERIES I QPL APPROVED**

Salient Features:

- High Density, Light Weight, Miniature
- Bayonet Coupling Quick Disconnect
- Insert arrangement Confirming MIL-STD-1669
- Scoop Proof Contact Protection
- Different Orientation For Fool Proof Connections
- Operates within Temperature Range Of -55°C To +125°C



#### **MIL-DTL-26482 SERIES II**

Salient Features:

- High Density, Light Weight, Miniature
- Bayonet Coupling Quick Disconnect- complete Locking
- 100% Scoop Proof Contact Protection
- Different Orientation For Fool Proof Connection
- Operates with In Temperature Range Of -65°C To +200°C



#### **PROTECTIVE COVERS- QPL APPROVED**

- Light Weight, Compact size
- In 9 Shell sizes from 8 to 24 And 9 to 25
- 100% Scoop proof, Environmental Sealing



#### **CUSTOM BUILTS**

[www.rotaryconnectors.com](http://www.rotaryconnectors.com)



### **ROYAL TECH ENGINEERS**

Established in 1992, Comfort Castors (A Unit of **COMFORT**® *Innovating mobility...everyday* Royal Tech Engineers) has emerged as a leading name in the castor wheel industry globally. With exports to 20+ countries, we are a trusted partner for exceptional quality and prompt deliveries. Backed by state-of-the-art manufacturing plants and in-house design, we offer certified products and innovative solutions. Our expertise lies in various industries like Automotive, Air Cooler, Shopping Carts, Scaffolding, and Waste Management. As the first Indian castor manufacturer with all global certifications, we take pride in providing unmatched professionalism and seamless mobility.

The standard ball stem scaffolding castor is ideally suited for aluminium scaffolding. This castor can support a maximum load up to 700 kg dynamic load.



The height adjustable scaffolding castor is generally used in aluminium scaffolding towers. This is the standard castor used in this category and can support up to 1000 kg dynamic load.



The heavy duty fabricated castor is used in steel scaffolding. It comes with a foot operated easy brake application and a heavy duty rubber cast iron wheel with a plain bearing.



The Hercules castor is maintenance free and offers smooth rotation with longer life as load is distributed over a larger area. The hardened swivel section provides the strength for use in rugged applications where heavy loads are put under constant swiveling.

The Atlas castor is best suited for grueling loads and continuous operations. The unique swivel design offers noiseless working and smooth rotation even

under very heavy loads. The design provides easy maneuverability and longevity under high load conditions with minimum maintenance.

These Hulk series of castors offer a large footprint for a greater distribution of load on the floor. Additionally, the larger casters have a vertical center leg to further enhance the load distribution. Less effort is needed when changing direction as the design allows the wheels to rotate at variable rates to compensate for the shorter radius in the arc.

[www.comfortcastors.com](http://www.comfortcastors.com)

## SEVENTH INTERNATIONAL

We manufacture high-power magnetic products, and our products are supplied to both government and private companies. They are especially useful for medium and small industries.

### MAGNETIC LIFTER

For lifting, manipulating and moving steel plates, steel blocks and rounds, heavy machine parts, press moulds and raw material.

### DE-MAGNETIZER

Effective removal of unwanted magnetization from objects by exposing them to a varying magnetic field that disrupts and reduces the existing magnetic field.

### ELECTRO PERMANENT MAGNETS (EPM)

It Combine the strength of permanent magnets with the convenience of electrical control. They provide powerful, reliable clamping with zero power consumption while holding the work piece - ensuring precision, safety, and energy efficiency in modern manufacturing.



[www.seventh.net.in](http://www.seventh.net.in)

## SHREE MEENAKSHI POLYMERS

### MATERIAL

#### CASTLON 6 SA natural (white)/black -

This extruded nylon offers an optimal combination of mechanical strength, stiffness, toughness, mechanical damping properties and wear resistance. These properties, together with a favorable electrical insulating ability, and a good chemical resistance make CASTLON 6 SA a general purpose grade for mechanical construction and maintenance.

**CASTLON 6 PLA** - Because of its successful performance in a variety of diverse engineering applications, CASTLON 6 PLA is the most widely used cast nylons in industry, especially as a bearing material. When used for OEM and maintenance requirement, these cast nylons have replaced bronze, brass, steel, aluminum and other metals, as well as other plastics, wood & rubber. CASTLON 6 PLA cast nylons function exceptionally well with lubricating, and without lubrication under low PV limits.

**CASTLON GSM** - A cast, partially cross-linked, nylon 6 material with additives which, like Nylon66 MoS<sub>2</sub>, has been modified with an MoS<sub>2</sub> filler. This gives excellent wear resistance, self-lubrication and low friction characteristics. It is an ideal material for dynamic bearing applications, even at elevated temperatures up to 100°C. These superior mechanical



properties, combined with lower moisture absorption, extend its range of uses over CASTLON 6 PLA.

**CASTLON OILLON GOLD** - An Advanced Material Castlon OILLON GOLD was specially developed to extend the wear-resistant properties of unlubricated or dry lubricated materials such as MoS<sub>2</sub> filled nylon. During the manufacturing process, an oil-based lubricant package is carefully dispersed through a proprietary process which takes full advantage of the lubricant effects without weakening the polymeric structure. The result is a highly crystalline, internally lubricated high strength polymer with enhanced wear resistance (up to x 10) and reduced coefficient of friction (-50%).

**CASTLON MC 901** - A tough, heat stabilised cast nylon 6. It is easily distinguished from the other cast nylon products in the Shree Meenakshi Polymers range by its distinctive blue colour. CASTLON MC 901 has better impact strength and fatigue resistance compared with other cast nylon in the range. It has proved an outstanding material for large gears, racks & pinions, successfully replacing phosphorous bronze and cast iron in many applications.

Castlon Engineering Plastics Stock Shop  
Products & Tailor Made Components  
Products

Engg. Plastics Components made  
Castlon / Nylatron / Castlon Cast Nylon  
GSM / NSM Polyamide Oillon, Teflon,  
Fiber, PU, UHMWPE Products like Pulley &  
Wear Pad, Sliding Pad, Rollers, custom  
made components as per Drg / Spec of  
Customers.

Castlon / Nylatron /Cast Nylon GSM /  
NSM / Various Grades of Engg.

Castlon Engg. Plastics Spare Parts for all  
type of Matls Handling Machines

Castlon Wiper & Stripper Nose in  
Phenolic / Epoxy Based High Temp  
Resistance matls fir Hot Strip Mill of Steel  
Plant and Engg. Plastics Products  
Suitable for Steel Plant Plants

Castlon Conveyor Parts made of Engg.  
Plastics like PU, PA6 Nylon, GSM, MoS<sub>2</sub>  
UHMWPE, PEEK, PTFE, ABS, Nylon 66,  
Fiber Etc



[www.shreemeenakshipolymers.com](http://www.shreemeenakshipolymers.com)

## SHREE RAPID TECHNOLOGIES

At Shree Rapid Technologies, we provide a complete digital manufacturing workflow that transforms raw materials into high-quality finished 3D printed products with precision and efficiency. From reverse engineering to post-processing, our integrated solutions ensure faster development, reduced lead times, and unmatched quality. We bring all these capabilities under one roof, helping industries innovate, validate, and scale with confidence.

The Raise3D RMS220 is an industrial-grade Selective Laser Sintering (SLS) 3D printer system, distinct from the FFF-based Pro3 HS. While the Pro3 HS uses filament, the RMS220 uses a high-power laser to fuse polymer powders for high-throughput batch production.

The Raise3D Pro3 HS is a professional-grade industrial 3D printer designed for high-speed production using high-performance composite materials. It features integrated Hyper FFF technology, which allows it to reach standard printing speeds of 300 mm/s and a maximum speed of 500 mm/s,



significantly reducing printing time by 30% to 70% compared to previous models.

The Raise3D DF2+ (DF2 Plus) is an industrial Digital Light Processing (DLP) resin 3D printer that evolves from the original DF2 platform. It is designed for professional applications like engineering prototyping and small-batch production.



[www.shreerapid.com](http://www.shreerapid.com)

## SIDDHI ENGINEERS

SIDDHI ENGINEERS is a trusted name in the design and manufacture of precision cold drawn aluminium tubes, rods, profiles, and assemblies for high-end Aerospace and Defence applications. Established in 1988 by Mr. Prashant Gandhi and Mr. Bhagwat Patel, the company was founded with a clear mission to deliver world-class, indigenously developed alternatives to imported precision aluminium cold drawn tubes.



SIDDHI GROUP

With decades of expertise, Siddhi Engineers has successfully partnered with premier organizations such as ISRO, DRDO, HAL, BEL, BARC, and Ordnance Factories, supplying critical components for missiles, rockets, telescopic masts, cryogenic fuel systems, heat pipes, waveguides, chaff cartridges, amphibian tanks, and space programs including Gaganyaan. Several of these developments are patented and have resulted in substantial foreign exchange savings for the nation.

Driven by innovation, advanced tooling, and collaborative R&D, Siddhi Engineers continues to move up the value chain into assemblies, while expanding exports and strengthening India's global footprint under the Make in India initiative.

### SIDDHI ENGINEERS – PRODUCT INFORMATION

Siddhi Engineers manufactures close-tolerance, precision cold drawn aluminium tubes and profiles, produced through port-hole and seamless drawing processes. Certified to ISO 9001:2015, AS 9100D, and ISO 14001:2015, the company offers tubes with OD ranging from 1 mm to 127 mm and wall thickness from 0.15 mm to 7 mm, in round and special shapes such as rectangular, square, hexagonal, and oval. Compared to extruded tubes, Siddhi's precision drawn tubes deliver superior dimensional accuracy, excellent surface finish, enhanced mechanical properties, and minimal eccentricity. Available in a wide range of aluminium alloys and international standards, these products serve critical Aerospace, Defence, Automotive, Cryogenic, Telecommunication, Telescopic mast and Industrial applications worldwide, while also acting as high-quality import substitutes.



[www.siddhiindia.com](http://www.siddhiindia.com)

## SIDWAL REFRIGERATION INDUSTRIES PVT. LTD.

Founded in 1974 and headquartered in Faridabad, Haryana, Sidwal is an ISO 9001-2015 and ISO/TS 22163:2017 (IRIS), AS9100 certified company, specializing in HVAC refrigeration mobility applications & Aerospace Tubing & Wire Harness. It is a wholly owned subsidiary of Amber Enterprises India Limited.



SIDWAL  
AN AMBER GROUP COMPANY

Sidwal operates across multiple sectors:

- **Railways & Metro:** Pioneer of India's first indigenous Roof Mounted Modular Compact Air Conditioner for rail coaches (1991), serving Railways, Metros, and high-speed trains like Vande Bharat.
- **Defence:** Collaborates with BEL BEML DRDO supplying tailor-made climate control systems including HVAC for military ambulances, specialized defence vehicles, Auxiliary Power Units (APU), and Temperature Control Units (TCU) for critical defence applications.
- **Aerospace:** Provides precision environmental control solutions including aerospace-grade tubing systems and **wire harness assemblies** engineered to meet stringent aviation and aerospace AS9100 Certified.
- **Telecom & Industrial:** Provides precision AC and climate control solutions for labs, telecom exchanges, and data centres.

Revenue grew to ₹500 Cr. in FY25, with a CRISIL rating of AA-/Stable Certified



AEROSPACE TUBING



AEROSPACE & DEFENCE  
WIRE HARNESS



MIL GRADE AIR CONDITIONER



ROOF TOP HVAC  
TRAIN COACH

[www.sidwal.com](http://www.sidwal.com)

## SPARSH CCTV

Sparsh CCTV is a leading Indian brand in the video surveillance industry, renowned for its commitment to innovation, quality, and the 'Make in India' initiative. Established in 2002 by Mr. Sanjeev Sehgal, Sparsh has become a trusted name, offering a diverse portfolio of over 200 security products: including IP cameras, analog cameras, network video recorders (NVRs), access control systems, and advanced AI-powered surveillance solutions.



Sparsh CCTV is the first Indian company to receive ER certification from STQC for its complete product range and was also the pioneer in locally manufacturing CCTV cameras in India, transforming nation's security technology landscape.

With five state-of-the-art manufacturing facilities and an in-house R&D centre recognized by the Department of Science & Technology, Sparsh CCTV is dedicated to developing cutting-edge, 100% indigenous technologies that meet global standards. Its solutions are widely deployed across residential complexes, corporate campuses, government institutions, railways, and smart cities.

Sparsh CCTV has introduced several industry-first innovations, including India's first remote-operated CCTV switches integrated with AI and IoT, and

was the first Indian brand to manufacture intruder alarm systems.

With a growing global presence in over 10 countries, including the USA, and recent recognition as 39th in a&s Security 50 Global Rankings Report and 14th among Video Surveillance Manufacturers Worldwide. Backed by vast distribution network, strong after-sales support, and consistent investment in R&D, Sparsh CCTV is shaping the future of surveillance - both in India and across the world.

#### BODYWON

- Video Compression: H.264/H.265
- Day and Night.
- Long Life Battery Record
- Supported SD Card
- Support Two-way Radio
- Record Audio and Video Same time.
- Supported Playback
- Fast charging



#### TORCH CAMERA

- 1/2.8" Progressive scan ultra-low illumination CMOS
- Resolution 2MP (1920x1080)
- Built-in face detection algorithm and face comparison algorithm
- Video Compression-H.265 / H.264
- White LED for day and night color view
- Face Recognition
- Micro SD card (up to 128GB) local storage
- Support 3D digital noise reduction and WDR
- 4G/ LTE Enabled



#### DOME CAMERA

- 1/1.8" Low Illumination Progressive Scan CMOS Sensor
- Quad Streaming
- Multiple compression techniques H.265/H.264/MJPEG
- Support 3D DNR, HLC, WDR
- Support bi-directional Talk
- IP67 Complaint
- Cyber Security Certified by STQC as per IoTSCS and meet the essential requirement issued by MeitY



#### BULLET CAMERA

- 1/1.8" Low Illumination Progressive Scan CMOS Sensor
- Quad Streaming
- Multiple compression techniques H.265/H.264/MJPEG
- Support 3D DNR, HLC, WDR
- Support bi-directional Talk
- Cyber Security Certified by STQC as per IoTSCS and meet the essential requirement issued by MeitY



#### PTZ CAMERA

- 1/2.8" Low Illumination Progressive Scan CMOS Sensor
- Quad Streaming
- Multiple compression techniques H.265/H.264/MJPEG
- Support 3D DNR, HLC, WDR
- Support bi-directional Talk
- IP67 Complaint
- Cyber Security Certified by STQC as per IoTSCS and meet the essential requirement issued by MeitY



#### MOBILE NVR

- H.264 Compression
- 8-36V wide voltage design, for all kinds of automobiles
- Live view and track the vehicles on google map from PC and cell phone in real time
- Playback the videos which stored in the NVR disc,
- Server from PC and cell phone in real time
- Support to view the vehicle's driving route history in real time
- Support Anti-shock for the PCB panel and parts.
- 2.5-inch SATA hard disk, 2TB maximum.
- IK10 Compliant
- Stable aluminum alloy structure



[www.sparshsecuritech.com](http://www.sparshsecuritech.com)



#### SSI CABLES PVT. LTD.

We, SSI CABLES, are more than two-decade-old, premier manufacture and exporter of wires and cables. We are not just another cable company; we are known for our best quality, innovation, commitments, and customer-centric approach. At SSICAB, we have a strong and dedicated team that is always ready to take on new challenge and work tirelessly. We produce the widest product range under one roof, including polymers, fluoropolymers, and thermoplastic like FR, FRLS, HFFR, XLPE, XLPO, PTFE, FEP, ETFE, PFA, PVDF, TPE, TPU, SILICON, POLYAMIDE, etc.



We have various certification and approval, such as BIS (ISI), JSS(LCSO), ISO, AS, CE SAMAR, ZED, MES, PWD, PATENT, RDSO\*, UL\*, CEMILAC\*, RDSO\* and also well-recognized by D&B. We have a strong presence across almost all sectors and industries, including DOMESTIC, SOLAR, WIND, POWER, ELECTRONICS, AUTOMOBILE, EVS, DEFENCE, RAILWAY, AEROSPACE, NAVY, ATOMIC ENERGY, DATA CENTRES, PETROLEUM, BIOGAS, IRRIGATION and others.

(\*) under Process

#### PTFE INSULATED WIRES & CABLES

##### Key features:

- Wide Temperature Range: -65 Deg C to 260 Deg C
- High dielectric Strength, Chemical & moisture resistance, Non flammable & Non- Aging



##### Applications:

- Aerospace & defence, Electronics & instrumentation

#### FEP/ETFE/PFA/PVDF- WIRES, CABLES & SLEEVES

- Fluoropolymers insulated (Extruded) wires and cables

| Feature             | FEP Insulated Wires | ETFE Insulated Wires | PFA Insulated Wires | PVDF Insulated Wires |
|---------------------|---------------------|----------------------|---------------------|----------------------|
| Temperature Range   | -65°C to +200°C     | -65°C to +150°C      | -65°C to +260°C     | -40°C to +150°C      |
| Dielectric Strength | High                | High                 | Very High           | High                 |



#### AEROSPACE & DEFENCE WIRES AND CABLES- LIGHT WEIGHT

- Make in India
- ATC,SPC,NPC,SPHSCA Coductor



- Polyimide/Modified light weight PTFE

#### HYBRID & COMPOSITE CABLES FOR DRONE & DEFENCE

Designed for high performance, safety and reliability with advanced material and manufacturing techniques with different combination of insulations and conductor, as per customer requirements.



#### COAXIAL AND TRIAXIAL CABLES

- RG 188, RG 179, RG 178, RG 316, RG 142, RG 223, RG 400, RG59/U etc



High voltage Cables (Upto 100 KV-DC), Silicon wires and cables, UNINYUIN, UNISIL, UNITEF Cables, customized cables as per requirements.



[www.ssicables.com](http://www.ssicables.com)

### STARRAG INDIA PVT. LTD.

Starrag is a global technology leader in manufacturing high-precision machine tools for milling, turning, boring and grinding workpieces of metallic, composite and ceramic materials. Principle customers are internationally active companies in the Aerospace, Energy, Industrial, Micromechanics and Transportation sectors. In addition to its portfolio of machine tools, Starrag provides integrated technology and maintenance services that significantly enhance customer quality and productivity.

**starrag**

The umbrella brand Starrag unites the product ranges Berthiez, Bumotec, Dörries, Droop+Rein, Ecospeed, Heckert, SIP, Starrag and TTL. Headquartered in Rorschacherberg/Switzerland, Starrag operates manufacturing plants in Switzerland, Germany, France, the UK and India and has established a network of sales and services subsidiaries in the most important customer countries.

**HECKERT X Series 5-Axis Horizontal Machining** Centres are perfectly configured for high precision and intricate aerospace parts with pallet sizes ranging from 500 mm to 1000 mm. These machines are also offered with integrated turning function and ideally suited for critical machining tolerances of Titanium, Inconel, Steel and Aluminium parts used in aerospace application.



**BUMOTEC S191neo** is a versatile multi-axis Turn-Mill Centre ideal for high precision machining of Avionics parts. Extremely stable during production with a minimum of operator intervention, the 191neo offers a formidable level of productivity.



Equipped with "à la carte" peripherals, such as temperature-controlled high pressure, chip conveyor and bar loader, the modularity of the 191neo ensures all production requirements can be met. Coupled with the Bumotec palletiser or with a robotic, modular or custom-made automation cell, this gives you access to "24/7" type production.

**STARRAG STC Series** High performance simultaneous 5 and 6 axis machining center



has been designed to provide unrivalled economy in the machining of the most demanding structural parts, multi-blades and Aero casings with long cycle times, and provide the customer with a whole host of practical options.

These machining centres have excellent static and dynamic properties as well as a tried and tested rotatable head, making them the benchmark for heavy chip removal in titanium and Inconel part for the aerospace and power generation industries.

**STARRAG LX Series** Turbine Blade Machining Centres are designed for the optimum machining of turbine blades. All technical parameters, such as axis strokes, forces, torques and acceleration, are set according to the application requirements.



LX machine development is never completed; the goal is to continuously increase the customer benefits, i.e. increase productivity, increase quality or expand the application options.

**DROOP + REIN FOGS** Overhead gantry machining centres offers unmatched performance from high speed to heavy duty operations for critical aircraft parts such as Landing Gears, Cockpit Frames etc. The Original – invented in 1993 the Droop+Rein FOGS is the benchmark in the market of overhead gantry machines.



**Dörries VT** - The new benchmark for vertical turning. The Dörries VT embodies the robust and durable features of the Dörries VCE series, but it has been innovated from the ground up and delivers the latest state-of-the-art technology.



It is designed for multifunctional, high-precision and flexible pre- and finish-machining.

The **BERTHIEZ RVU** grinding machines set new standards in high-precision machining and are especially suitable for high precision grinding applications in the bearing and aerospace industries.



The RVU facilitates a complete machining processing without interruption as optional dressing units, grinding wheel changers and workpiece measurement are available. Additional options for hard metal machining boring and workpiece measurement increase the possible applications of the machine series considerably.

**ECOSPEED** is the parallel kinematic Sprint Z3 machining head technology has been successfully adapted to a modular range of machines covering component sizes from less than 1 m up to 8 m in length. Many of the world's leading aerospace manufacturers have selected Ecospeed series machining centres for the production of a wide variety of aero-structure components.



[www.starrag.com](http://www.starrag.com)

### STELLAR INVICTUS PVT. LTD.

Founded by Wing Commander Amandeep Singh Dihot, VM (Retd.) - Vayu Sena Medal (Gallantry), Operation Sindoor - Stellar Invictus is Punjab's first Counter-UAS company and India's only defence drone startup where combat-proven operational experience directly drives technological innovation.



Modern battlefields demand systems that are intelligent, affordable, and built for the realities of electronic warfare, GPS-denial, and coordinated drone swarms. Stellar Invictus answers this challenge by developing AI-embedded autonomous drone systems that place edge-deployed intelligence at the core of every engagement - removing human bottlenecks,

defeating cost asymmetry, and operating where conventional systems fail.

Our product line spans AI-embedded layered Counter-UAS solutions, kinetic interceptors, tactical illumination drones, EW-resilient logistics drones, and unmanned autonomous ground vehicle systems - each engineered from actual combat lessons and purpose-built for India's most demanding operational environments.

Every platform is indigenously designed, manufactured, and supported - closing India's critical defence technology gap from within.

Atmanirbhar by conviction. Combat-proven by sacrifice. Unconquered.

[www.stellar-invictus.in](http://www.stellar-invictus.in)

## SURFACE FINISHING EQUIPMENT COMPANY

"SURFEX" Surface Finishing Equipment Company, Jodhpur is the foremost, leading and the oldest (48 year old) manufacturers of Shot /Grit Blasting with Painting Line and Shot PEENING Machines in India having manufacturing facility spread over a area of 90000 sq.ft. Numerous advanced models of Robotic / Special Shot Peening Machines for Aerospace and Defence sectors have been supplied by Surfex. The Company owns prestigious ISO 9001:2015 and ISO 14001:2015 alongwith CE certificate.



### 9 AXIS ROBOTIC SHOT PEENING MACHINE FOR AEROSPACE INDUSTRY

A Custom-built designed machine by "SURFEX" to perform the peening operation by Robotic Arm at External & Internal Surfaces of Aerospace Components. Components that are to shot peened are placed on Servo Controlled Motorized Turn Table Mounted on Servo Controlled Front Indexing Door.



"SURFEX" HAS SUPPLIED (in Both DOMESTIC & INTERNATIONAL MARKETS) VARIOUS OTHER DIFFERENT MODELS (Based on Jobs and Application) of SHOT PEENING SPECIAL MACHINES For AEROSPACE & DEFENCE SECTORS Which Are WORKING SATISFACTORILY With All USERS.

### SHOT PEENING MACHINE FOR AUTOMOBILE INDUSTRY

8 Axis Dual Robotic Shot peening machine for Rear Axle Beams.

A Specially Designed machine by "SURFEX" to perform the peening operation at 6 different locations of variants (Axle Beams) Via 2 Sets of Robots. Servo Controlled Job Rotation arrangement with Pneumatic Clamping is provided to hold & rotate the beam and its mounted on a Servo Controlled Motorized Trolley.



### SHOT PEENING MACHINE For OIL & GAS INDUSTRY

(For External & Internal Threads of Pipes)

A Explicitly Designed machine by "SURFEX" to perform the Peening operation at Internal-External Threads of API Pipes by Peening Lance / Peening Nozzle mounted on VFD controlled Horizontal Nozzle Reciprocation Arrangements. Pipes whose threads are to be shot peened are placed on VFD controlled Motorized Job rotation arrangement (inside the peening chamber /cabinet)



### 6 AXIS SHOT PEENING MACHINE FOR AEROSPACE INDUSTRY

"SURFEX" Designed this machine to carry out the Peening operation by Robotic Arm at External Surface of Aerospace Jobs. Components that are to be Shot Peened are placed inside the peening chamber.



## 3-4 AXIS SHOT PEENING MACHINE FOR GEARS OF WINDMILL INDUSTRY

"SURFEX" Supplied these Type of Machines for Shot Peening of Teeth's Roots of Helical Gears (also shafts) of Windmill Gear Box. 2 Numbers of Peening Nozzles are mounted on Servo Controlled X-Z Nozzle Reciprocation Arrangement (mounted inside / side walls of Cabinet). Gears that are to be shot peened are mounted on Servo Controlled Motorized Turn Table placed on Motorized Trolley.



[www.sfecindia.net](http://www.sfecindia.net)

## TESTO INDIA PVT. LTD.

Established in 2006, Testo India Pvt. Ltd., is a 100% subsidiary of Testo SE & Co KGaA a world leader in design, development and manufacturing of electronic portable test and measuring instruments. Backed by 20 years of measurement engineering experience, Testo India has shown phenomenal growth, with its H.O. in Pune, & a PAN India sales network.



We are committed to provide best solutions and services to our Indian customers. Considering the latest advancements and evolving digitization, we offer a wide range of products & solutions for defence and aerospace industry such as

- Portable Measuring Instruments & Systems for: Temperature, Humidity, Dew point, Pressure, Air velocity, RPM, Sound, Light, Compressed Air Flow, Electrical Measurement
- Data Loggers and Wireless Data Monitoring System
- Portable Flue Gas Analyzers for Combustion and Emission Analysis
- Thermal Imagers for Predictive and Preventive Maintenance

### THERMAL IMAGER TESTO 860I

Wireless thermal imager for smartphones, highlighting its value for airport operations and facility management. The pocket-sized device enables fast, precise thermal inspections of HVAC-R systems, electrical panels, building diagnostics, runways facilities and terminal infrastructure. With smart measurement modes like Delta Heat, Delta Cool, Thermal Profiling and Humidity analysis, airport engineers can quickly identify hotspots, energy losses, moisture risks and system inefficiencies. Seamlessly integrated with the testo Smart App, the rugged, easy-to-use testo 860i supports preventive maintenance, safety compliance and efficient operations across complex airport environments.



### THERMAL IMAGER TESTO 883

Delivers advanced support for predictive, preventive maintenance and facility management, where safety, reliability and uptime are critical. It offers high-resolution thermal imaging (320 x 240 pixels, expandable to 640 x 480) with manual focus for precise inspections. Testo Site Recognition ensures automatic image allocation, reducing documentation effort and eliminating errors. Ideal for monitoring aircraft ground systems, hangar infrastructure, electrical panels, motors, generators and critical assets, the Wi-Fi enabled testo 883 integrates seamlessly with the Thermography App for fast analysis and reporting - helping defence and aerospace facilities prevent failures and ensure operational readiness.



### IAQ MONITORING

The testo 440 and testo 400 IAQ monitoring instruments provide precise and reliable indoor air quality assessments in sectors, where safety, comfort and compliance are critical. These advanced instruments accurately measure key parameters such as air velocity, temperature, humidity, CO<sub>2</sub> and differential pressure, ensuring optimal performance of HVAC and ventilation systems in terminals, hangars, clean rooms, control centres and defence

facilities. With intuitive operation, interchangeable probes and seamless data logging, testo IAQ solutions support preventive maintenance, energy efficiency and regulatory compliance. The testo 440 and testo 400 help maintain healthy indoor environments, protect sensitive equipment and enhance occupant comfort in mission-critical spaces.



#### REFRIGERATION MANIFOLD & LEAK DETECTOR

Designed for demanding environments, the Testo digital refrigeration manifold enables accurate pressure, temperature and system diagnostics, ensuring optimal performance of chillers, cold rooms and air-conditioning systems across terminals, hangars and defence installations. Complementing this, the highly sensitive Testo leak detector quickly identifies even the smallest refrigerant leaks, helping prevent system downtime, energy losses and compliance risks. Together, they support efficient maintenance, operational readiness and uninterrupted cooling where reliability is non-negotiable.



#### DATA LOGGERS

Testo data loggers provide reliable and precise monitoring of temperature and humidity for critical defence and airport applications. Ideal for storage areas, laboratories, control rooms, cold rooms, and cargo handling zones, these data loggers ensure continuous data recording to safeguard sensitive equipment, pharmaceuticals and mission-critical assets. With high accuracy, long-term stability and secure data storage, Testo data loggers support regulatory compliance, quality assurance and risk mitigation. Their robust design and easy data analysis make them a dependable solution for defence establishments and airport infrastructure where consistent environmental control and traceable documentation are essential for operational excellence.



#### SOUND, RPM, LUX

Testo sound meters help monitor noise levels in runways, hangars, workshops and operational zones to support occupational safety and regulatory adherence. RPM meters enable accurate monitoring of motors, fans and rotating equipment, ensuring reliable operation & preventive maintenance. Lux meters provide precise light intensity measurement to optimize illumination in terminals, control rooms, hangars and security areas. Together, these instruments support operational efficiency, safety and performance in high-demand defence and airport environments.



[www.testo.in](http://www.testo.in)

### TROKUT SOLUTIONS PVT. LTD.

Trokut Solutions Pvt. Ltd. is a leading provider and distributor of advanced technology products, serving prestigious research institutes and industries across India. With over 25 years of industry experience, we bring deep technical expertise and a strong commitment to delivering high-quality, innovative solutions.

Our portfolio spans cutting-edge technologies for Laser, Photonics, Photovoltaic, Additive Manufacturing, Defence, Aerospace, and advanced Industrial Applications. Through strong partnerships with leading global manufacturers, we provide access to state-of-the-art systems that enable precision, performance, and innovation.

At Trokut Solutions, we deliver more than just products—we provide the tools, support, and expertise that drive real impact. Our customer-centric



approach ensures tailored solutions that meet evolving industry demands.

For the Defense, we provide the laser for different power range from 2KW SM to 10KW, 30KW and 50KW and more for DEW application, apart from the LOS and OGS communication solutions for next generation laser and solution.

Our motto, "More Than Just a Solution," reflects our commitment to long-term growth, innovation, and success for every client.

Diodes with D lock 700W and wavelengths ranging from 793 to 976nm



#### LIEKKI® Yb1200-20/400DC (HP)

**HELMi:** from nLIGHT is a large mode area, double-clad, highly doped ytterbium fiber for high-power (up to 2 kW CW) fiber lasers and amplifiers. Its large, low NA core delivers excellent beam quality and low nonlinearity, while the 400 µm cladding accepts high pump powers. Direct Nanoparticle Deposition and an advanced core design provide very high pump absorption with up to 75% lower photodarkening, ensuring high efficiency. A robust dual-coated, low-index acrylate coating ensures reliable operation up to 150 °C and in extreme humidity. It is ideal for industrial and scientific applications. mode area, NA core delivers excellent beam quality and low nonlinearity.



**2KW SM Laser :** innovation from nLIGHT: the AFX-2000. A specialized, 2 kW SM laser built for precision and speed. The AFX-2000 has been commercially validated and demonstrated to produce real build times three times as fast as the best-in-class.

nLIGHT Narrow Linewidth Amplifier | NLA-LW : 2.5KW

Min. Seed linewidth : <25GHz



**nLIGHT's high-power Directed Energy Lasers** enable next-generation layered land and sea defenses that complement traditional kinetic defenses by offering a deep magazine, low cost per engagement, and speed-of-light delivery to defeat wide range of targets, including drones, rockets, artillery, mortars, and missiles for power ranging from 10KW, 30KW, 50KW, 70KW, 100KW, 150KW, 300KW and higher upto 500KW.



**TILBA®-LOS:** is a free-space optical data link system developed by Cailabs that enables ultra-high-speed, highly secure-impervious to interception and jamming-line-of-sight laser communication through stable, license-free point-to-point links for land, maritime, airborne, and tactical applications. The system supports bidirectional data rates of up to 10 Gbps over distances exceeding 15 km. Leveraging Cailabs advanced turbulence mitigation expertise, TILBA®-LOS maintains reliable performance even in challenging atmospheric conditions. Fully compatible with standard telecommunications infrastructure, it can be integrated into larger optical ground segment networks and laser communication networks. TILBA®-LOS terminals can also be custom-designed to meet specific application requirements.



**TILBA®-OGS:** is a turnkey optical ground station developed by Cailabs, enabling bidirectional satellite-to-ground optical communication at 10+ Gbps. Cailabs supplies its customers and partners with industrial OGS that meet both industry standards and the specific requirements of space-to-ground links, providing a secure, robust, and spectrum license-free optical communication solution. Leveraging its patented MPLC technology, TILBA®-OGS includes three building blocks: TILBA®-ATMO and TILBA®-IBC for static management of atmospheric turbulence on the receiver and transmitter, and TILBA®-CBC for scalability toward future Tbps feeder-link requirements. Cailabs' stations comply with CCSDS and SDA standards and are agnostic to throughput rate, protocol, and modulation format.



[www.trokutsolutions.com](http://www.trokutsolutions.com)

## TSG TEST RANGES PVT. LTD.

Established in 2024, TSG Test Ranges Private Limited, is a joint venture between 3 companies, which have a long association with the Indian Defence industry. The idea of the company is to give our customers one partner to meet all their test range requirements. Our company provides end to end solutions to customers looking to make Test & Training ranges. Our services include designing, constructing, fitting out interiors, managing all health & safety aspects and equipping the range with all instrumentation and machinery required for Ballistic testing.

### COMPANY OWNERSHIP

The 3 companies that jointly own TSG Test Ranges are –

- Novarch Consultants India Pvt. Ltd.
- Priority Solutions
- SG Marketing Pvt. Ltd.

### VISION AND MISSION

Our vision is to be the leading provider of Range solutions worldwide, driving innovation and excellence in all our endeavours. Our mission is to deliver superior quality products and services that exceed our customers' expectations, focussing on health & safety of all individuals working in this testing environment.

### PRODUCTS AND SERVICES

We offer a diverse range of products and services designed to meet the evolving needs of our clients. Our portfolio includes:

- Design of Building & interiors of the Range
- Construction of range
- Interior work of the buildings
- Completely equipped containerised ranges
- Health & safety aspects such as Anti-ricochet, Acoustic protection, Complete HVAC solution, ballistic protection of persons & assets.
- Equipment required for consistency & functionality testing for small arms
- Equipment required for testing small & medium calibre ammunition.
- Equipment required for testing ballistic material
- Equipment required for forensic testing

### MARKET PRESENCE

Due to the rich history of the 3 stakeholder companies that own TSG Test Ranges, our company is well known in both the Defence manufacturing and research industries. We have in our first year completed 3 prestigious projects for weapons manufacturers and within the current financial year are expecting to close another 3 projects.

Between the 3 stakeholders' companies, they have completed projects for multiple, Ordnance factories, DRDO labs, ISRO, Forensic labs, the Supreme court of India among others.

### CONCLUSION

Our company profile reflects our journey of growth, innovation, and excellence. With a strong foundation and a clear vision for the future, we are confident in our ability to navigate the challenges and seize the opportunities that lie ahead. We remain dedicated to our mission and values, striving to make a meaningful impact in our industry and beyond.

The MSI Acoustic Target Type 541 provides developers, manufacturers and testing organisations with an accurate means of checking the performance of weapons and ammunition outdoors by measuring the co-ordinates of shots passing through the target area. This precision electronic target accommodates calibres from 4mm to 150mm, giving the capability of measuring the performance of the full range of weapons from small arms to tank guns.



Type 547 Optical Target provides users with world leading accuracy, offering positional errors of less than 0.8mm across a 1m x 1m firing window. The 547 system is highly reliable and provides a very cost-effective and low error method of checking the performance of weapons and ammunition.



The MSI Velocity Screen Type 859 is most commonly used as part of the Indoor Velocity Measurement System (IVMS). The Velocity screen can be used with all nature of projectiles including tracer. They are fitted to a trolley for ease of use at a sensor separation of 1m but can be supplied on larger sensor separation if required.



Fire Arm Rest Table (Weapon Rest Table) is Designed & Developed for Ballistic Testing, capable of Accommodating Long Guns & Pistols upto 12.7mm

Key Features :

- Remote operation ensures user-controlled firing with guaranteed safety under diverse environmental conditions over extended durations.
- Essential parameters such as trigger pull, firing, and recoil force w.r.t. time is recorded and stored for future reference in a structured file format.



Designed for Ballistics Labs, Firearms Manufacturers, and Military Facilities. Bullet Trap Series is engineered for professionals to eliminate environmental health and safety concerns. Utilizing Wet Technology, our Box Traps significantly minimize airborne lead, ensuring a safer environment for users.



## TURBO INDIA INTERCONNECT SOLUTIONS LLP

Turbo India Interconnect Solutions (TICS) is an AS9100-certified manufacturer of interconnect products such as connectors, backshells, and contacts for military and aerospace applications. We export to over 25+ countries, including Israel, Europe and America.



We are a vertically integrated organization with in-house capabilities in design, manufacturing, electroplating, assembly, and testing.

We have Cable Harness and System Integration Division, led by experienced professionals with over 20+ years of expertise. Our facility is AS9100D certified and supported by IPC/WHMA-A-620 trained personnel.

We serve Aerospace, Defence, Marine, and Automotive sectors and provide complete BOM sourcing as per customer requirements, ensuring compliance with applicable standards. All harnesses are manufactured in a controlled environment to ensure quality and reliability.

Backshells can be selected based on wide variety of termination options including the Banding, Shield Sock, Memory Ring, Band In a Can and Cable Clamp Strain Reliefs. With a range of materials & finishes, coupling ring styles and cable entry configurations, TICS offers a one stop solution for protecting your military connectors.



Protective Covers, also called as Dust Caps, are used for protecting the connectors from moisture and dust. They also safe guard the connector coupling mechanisms from physical damage.



The TICS thread coupled circular connectors are offered with solid shell and solder contacts and conform to the requirements of SAE-AS50151 for dimensions and characteristics, and MIL-STD-1651A, for insert arrangements.



The TICS reverse-bayonet coupled circular connectors are offered with solid shell and solder contacts and conform to the requirements of VGE95234 for dimensions and characteristics, and MIL-STD-1651A, for insert arrangements.



TICS range of connector accessories include Termination Bands, Constant Force Spring Bands and Dummy Storage Receptacles



Turbo India – Interconnect Solutions

specializes in manufacturing high-performance harness assemblies built to meet stringent industry requirements.

Our capabilities:

- Aerospace & Defense Harnesses
- EMI/EMC-Compliant Assemblies
- Ruggedized Solutions for Harsh Environments
- AS9100-Aligned Manufacturing
- IPC/WHMA-A-620 Workmanship Standards
- Lightweight & High-Reliability Designs



[www.turboindia.co.in](http://www.turboindia.co.in)

## V3 NOVUS PVT. LTD.

V3Novus is an ISO 9001:2015 certified **V3 NOVUS** DeepTech design and systems engineering company providing one stop solutions for product design and application deployment. V3Novus is focused on Design and Development of Cutting edge products for Military, Marine and Aerospace Market.

Since our inception in 2010, V3Novus has developed products for SATCOM, GNSS Navigation, RADAR and Unmanned Vehicle Applications. Safesync(Rugged NTP/PTP Time Server), DIKSUCHI(Satcom Antenna Control Unit), Path Finder, Rugged Path Finder, Falcon Path Finder(GNSS Receivers), SATORB TRACK(Satellite Beacon Receiver), Rugged GPS/ GNSS/ Navic Receivers, GPS/GNSS/ Navic Antennas, True North Finder and Rugged Power Supplies are some of our products which we are MIL-STD MIL461, MIL810, JSS55555 Qualified to meet Harsh Environments.

**SAFESYNC** is a high-performance time synchronization system designed for precise NTP, PTP and IRIG-B timing applications. It supports multi-GNSS signals including GPS, GLONASS, BEIDOU, GALILEO and IRNSS L5/S-Band, with spoofing and jamming detection, Ethernet/Fiber synchronization, stable oscillator options and GNSS monitoring software for defence applications.

**V3Novus Rugged GNSS Receiver** is a multi-GNSS receiver designed to meet military standards, supporting GPS, GLONASS, QZSS, BeiDou, Galileo and IRNSS L5/S-Band. It provides NMEA output, onboard display for position and time data, isolated serial ports, Ethernet interface and low power consumption for rugged applications.



**TRUE NORTH PATH FINDER** is a miniature, high-accuracy GNSS-based north alignment system designed for SATCOM and radar antenna alignment applications. It supports GPS, GLONASS, QZSS, BeiDou, Galileo and IRNSS L5, providing improved satellite visibility, accurate heading, pitch and roll information with NMEA and RTCM output support.



**V3N-ADS-B Receiver** is a high-quality ADS-B receiver with inbuilt GNSS support for GPS, SBAS, GLONASS and IRNSS. Operating at 1090 MHz, it receives aircraft signals with high message throughput, long detection range, RS422 timing/position output and reliable FPGA-based processing for aviation monitoring applications.



**LabSat 4** is an RF signal record and replay system with three independently tunable wideband channels, designed to capture and replay GNSS and selected non-GNSS signals. It supports GPS,



GLONASS, Galileo, SBAS, BeiDou, QZSS and IRNSS signals, with wide recording bandwidth for real-world satellite data testing.

## CALIAN (FORMERLY TALLYSMAN) GNSS ANTENNAS

Calian GNSS antennas are high-performance multi-constellation and multi-frequency antennas designed for precise positioning, timing and navigation applications. They support GPS, GLONASS, Galileo, BeiDou, QZSS, NavIC/IRNSS and L-Band correction services, offering superior multipath rejection, low-noise amplification, stable phase centre performance and rugged designs for demanding environments.



[www.v3novus.com](http://www.v3novus.com)

## WINFLEX CONVERTING SOLUTIONS

Winflex Converting Solutions is a leading Manufacturer of Thermal Boarding Passes, Thermal Baggage Tags, Cabin Tags, Kiosk Boarding Passes and Baggage Tags, Self Adhesive Labels / Stickers, etc.



With a wide base of customer in the Airlines and Aviation, Ground Handling Companies Industry as well Sticker Labels for various Industries, Winflex Converting Solutions enjoy a leading edge in the Printing Industry.

WCS was created with a Vision to provide Printed Products as per IATA Guidelines and Recommended Practice.

The state of Art Machinery used to manufacture these Products are Best well known Brands from Europe and South East Asia.

We believe in Make In India....

### THERMAL BAGGAGE/LUGGAGE TAGS

Winflex Converting Solutions, India produces various types of Thermal Baggage Tags as per IATA Guidelines. WCS Produces these Tags in different sizes as required by customers. Product is Tear resistant and also has Moisture resistance to certain level.



Due to best Thermal Coating the Barcode print finish is compatible for all Brand of Thermal Printers and with Easy Scanning. Which further avoids baggage Missing and Lost.

### THERMAL BOARDING PASSES

Winflex Converting Solutions produces Thermal Eco and Thermal Top Coated Boarding passes as per IATA recommended practice. WCS can provide Boarding passes with Printing of Full colors on both side.



Our Boarding Passes are compatible for Barcode and Passenger Details in all type of printers like Custom, Zebra, IER, etc. Shelf life is

### THERMAL KIOSK BOARDING PASSES

WCS Produces Thermal Boarding Passes in various GSM as per required by the Kiosk Machine providers. Our product is compatible with All types of Kiosk Machines and in all Dimensions. Plain and Pre Printed with Company Details.



### SAFETY CARDS FOR AIRCRAFT

WCS is producing High Quality Passenger Safety Cards for Air Cart. Our product is Tear Resistant, Water Resistant and Can Last for a very long period of time. We have ready Layouts for various types and make of Aircrafts. WCS can produce this in various languages as required.

[www.winflex.in](http://www.winflex.in)

PHPL Defence & Aerospace Systems Pvt. Ltd. (PDAL) is a leading Indian defence and aerospace solutions company and backed by over six decades of engineering excellence from Perfect House Pvt. Ltd. PDAL specializes in military-grade power systems, vehicle electronics, ruggedized embedded systems, secure communications, renewable energy solutions and defence support technologies. With advanced R&D, precision manufacturing, rapid prototyping, and global OEM partnerships, PDAL delivers reliable, secure, and mission-critical solutions for defence and aerospace applications. Its India-made products are designed to perform in demanding environments while meeting global quality standards and enhancing operational readiness.

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PDAL delivers bespoke, DGQA-aligned defence infrastructure and mission-vehicle solutions, combining in-house engineering with export-ready manufacturing integrated with defence-grade generators and complete power ecosystems for various applications.

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- **Compliance:** DGQA-aligned, export-compliant manufacturing
- **Benefits:** High reliability, mobility, reduced acoustic signature, faster field deployment



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Rapid Deployment

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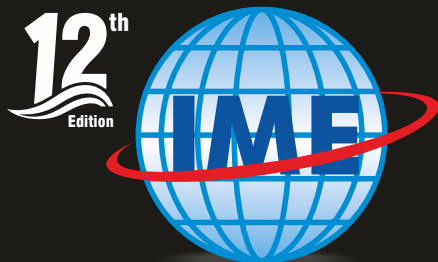
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## Few Glimpses of our other related International Exhibitions



## About SIATI

Society of Indian Aerospace & defence Technologies and Industries (SIATI) was founded to bring together the various industries, R&D and other organizations in the country engaged in the field of aerospace on a common platform to provide interaction among themselves as well as with overseas industries/ organizations to enhance growth opportunities for all. SIATI an important 'Gateway' to Indian Aerospace business and Global co-operation for tie-up in R&D, Technology, Joint Ventures, Collaborations, Co-productions and information-exchange.

## About TAFCON

TAFCON is a professionally managed company with over six decades of experience and expertise in organising International Trade Fairs and Conferences in India and overseas, on various subjects namely Mining; Minerals; Metals; Materials; Defence; Heat Treatment; Foundry; Manufacturing; Construction; Concrete; Surface Engineering, Paints & Coating; Packaging; Printing; Paper; Environment; Education; Medical & Healthcare; Poultry, Dairy & Food Technology; Travel & Tourism; etc.

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