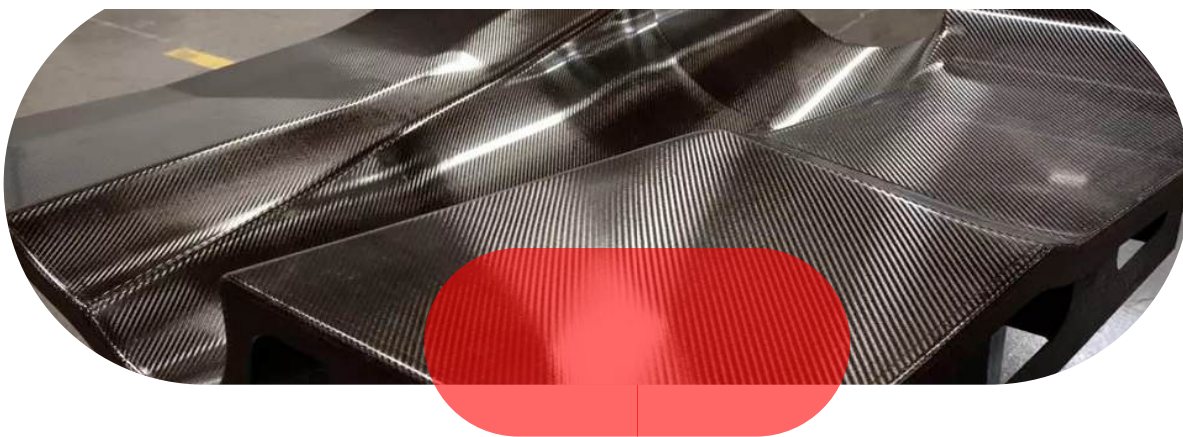


MAJOR PRODUCTS



Driven By Passion



Composite Reflectors



Composite Radomes



Composite Launch Tubes



UAV Frames



Portable Tripods



Molded Components



Customize Battery Boxes



Drone Frames



Drive Shafts



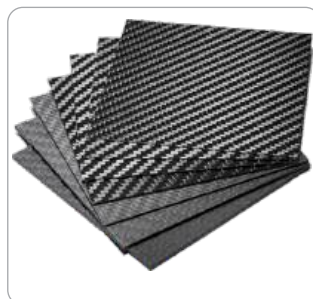
Carbon Fiber Rollers



Telescopic Poles



Spinal Frames



Carbon Fiber Sheets



Carbon Fiber Tubes



Carbon Fiber Rods



A World of Advanced Composite Solutions

Customized Light Weight Composite Components

Carbon Light Pvt. Ltd.

Global Leader of Advanced Composite Products
Manufacturer

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Driven By Passion





COMPANY HIGHLIGHTS

- Over 8 years of performance history
- Innovation & technology- the prime drivers
- 7500 sq. mts. of manufacturing space
- Located in the national capital region (Delhi-NCR)
- World class quality standards
- Comprehensive expertise from concept to commissioning



In-house
manufacturing



Research &
development team



Testing
facilities



Customized
solutions

CERTIFICATIONS



OUR EXPERTISE

Research, Design & Engineering

- A dedicated research, design & development team
- Highly qualified & experienced structural designers
- Detail engineering & prototyping of advance complex composite parts

Quality Control & Testing

- Laser scanner & CMM, Surface roughness measuring devices, Dynamic balancing
- Pressure testing setup, Torque testing, bending test, Temperature controller & sensor
- Digital measuring equipments
- Ultrasonic tester, Hardness tester

Manufacturing Facilities

- Filament winding machines
- Multi-axis CNC router, CNC milling machines
- CNC lathe, Abrasive blasting machines
- Single & Multi-segment curing ovens
- Advanced process monitoring equipments for RTM, VRTM

Process Technology

- Filament winding
- Vacuum Infusion, Vacuum Bagging
- Compression Molding
- Controlled hand layup
- Mixing & Dispensing system

OUR ESTEEMED CLIENTS



Defence Research &
Development Organization



Bharat Electronics
Limited



National Institute
of Ocean Technology



Bhabha Atomic
Research Center



National Thermal Power
Corporation Limited



National Aerospace
Laboratories

INDUSTRIES WE SERVE



Aerospace

Advanced carbon fiber solutions for aerospace applications including airframes, VTOL structures, UAV fixed wings, battery boxes & cargo boxes for drones. Our solutions are designed to boost performance, reducing weight and ensure durability.



Defence & Ballistics

Ultra-lightweight reflectors, portable tripods, composite radomes and launch tubes, engineered for the toughest defense and ballistic applications. We deliver unmatched durability and precision in mission-critical environments.



Industrial

We are at the forefront of delivering innovative carbon fiber products engineered to optimize industrial performance. We offer carbon fiber medical beds, X-ray tables, pylon tubes, Wilson & Relton frames, head rollers, drive shafts for power transmission, telescopic poles and robotic parts.



Medical

Advanced carbon fiber solutions for the medical field, including carbon fiber medical beds, X-ray tables, pylon tubes, Wilson & Relton frames, head rollers, drive shafts for power transmission, telescopic poles and robotic parts.

**“Tailored Solutions,
Unmatched Quality, Transforming ideas into Composite Reality”**