CAPABILITIES · BENGALURU

Carbon fibre, from sheet to finished part

Precision-engineered flat carbon sheets, vacuum-infused Delrin-moulded shells, sub-50 µm CNC-machined structural components, and multirotor drone kits fabricated under one roof in Bengaluru.

01 · OVERVIEW

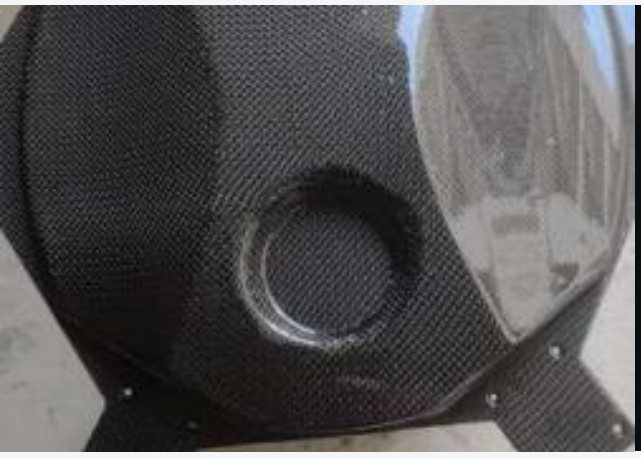
Nanoweave fabricates carbon fibre in four product lines

01	02	03	04
Flat sheets	Moulded parts	Machined components	Drone kits

02 · FLAT SHEETS FABRICATION

Cured flat laminates with mirror-gloss & matte surfaces

Vacuum bagging	up to 8 mm
Hand lay-up	up to 30 mm
Compositions	Carbon · glass · aramid



03 · MOULDED PARTS

Delrin moulds give infused parts a fine surface

01 Precision Delrin mould

02 Vacuum infusion and cure

03 Trim, sand and clear coat

04 · MACHINED COMPONENTS

Machining holds tolerances below 50 µm

Round and rectangular tubes

3 or 4-axis machining

Flat sheets

< 50 µm

TOLERANCE

04B · CURRENT CAPACITY

PRECISION MACHINING SERVICES

4 + 2
3 Axis and 4 Axis CNC Machines in Production

6 × 4.5 ft
Largest Machine Work Envelope

4-5 / Month
Capacity Creation Rate of 3/4 Axis CNC Machines

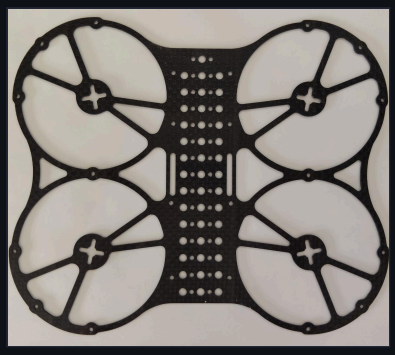
<50 Micron
Standard Machining Tolerance.

05 · DRONE KITS

Standard Drone Kits

Off the Shelf Designs

RETAIL STORE · CARBONPARTS.IN



100%

06 · SOURCING

Made in India, from Indian raw materials

Every sheet, part and kit is laid up, cured and machined in Bengaluru. * - Carbon Fiber thread is sourced from Japan, Korea or USA

nano weave COMPOSITES

07 · CONTACT

Send a drawing

Email us a STEP, DXF or PDF drawing material, thickness and quantity. We reply within one working day.

www.nanoweavecomposites.com
admin@nanoweavecomposites.com
+91 98459 59019
Bengaluru, Karnataka 560077 · Sister co: Akriti.tech

CUSTOMERS

We have supplied or provided services for nearly 70 companies, including

- Yamaha Music India Pvt. Ltd.
- National Institute of Technology
- CSIR NAL
- COEP Technological University
- K12 Techno Services Private Limited
- Sundaram Brake Linings Limited (TVS Group)
- Indian Army - 255 Armored Brigade
- Indian Army - 15th CZW - J & K
- Indian Army - 16th CZW - J & K
- Flying Wedge Defence and Aerospace Technologies Pvt. Ltd.
- Wires And Fabriks (S A) Limited
- Avian Aerospace Pvt Ltd
- Sisir Radar Private Limited
- Cdspace Robotics Private Limited
- Veda Aeronautics Private Limited
- Edhitha UAS
- Ayaan Autonomous Systems Pvt. Ltd.
- Signaltron Systems Private Limited
- Society for Development of Composites
- Akriti Precision Systems Private Limited
- Balaji High Vacuum Pumps & Systems
- Authentic Engineers