

**APEX FORGED
CARBON**
MANUFACTURER

Crafting Precision, Elevating Performance.

Bespoke carbon fiber solutions for the world's most discerning clientele.

Explore Our Solutions

COMPANY PROFILE 2025

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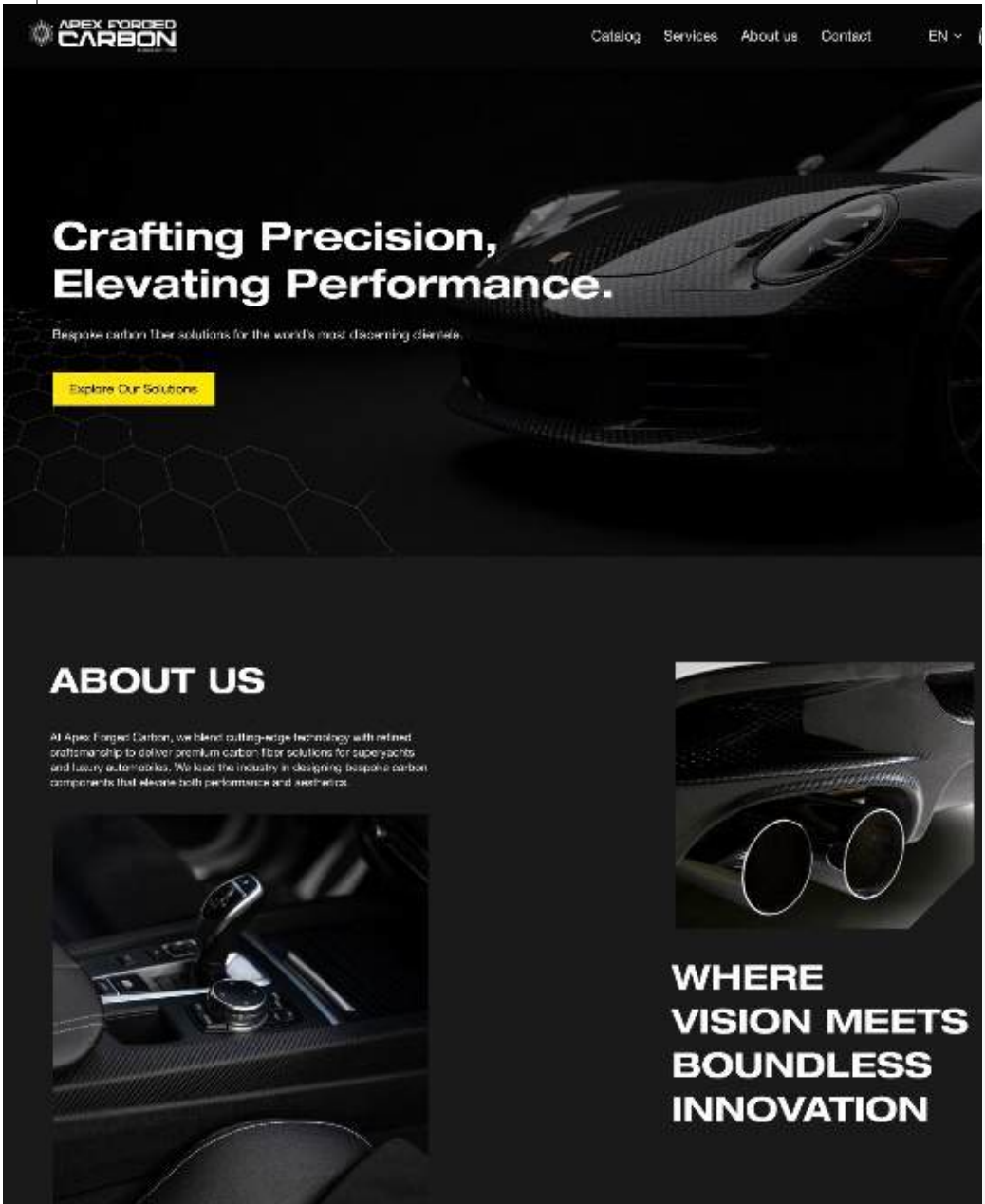
ABOUT US

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10 years of experience 2 production facilities in Barcelona

Apex Forged Carbon is a leading international company specializing in the design and production of **high-quality carbon products** for various industries.

With over 10 years of experience and two manufacturing facilities in Barcelona, we create premium carbon solutions aimed at enhancing efficiency and performance in the automotive, yachting, medical, and sports sectors.



[Product Catalog](#)

[Our Services](#)

[About Us](#)

[Available Inventory](#)

LATEST NEWS AND EVENTS



11/12/2024
Introducing Our New Carbon Fiber Innovations for 2024
Stay ahead with our latest range of carbon fiber solutions designed for enhanced performance and elegance. Discover what's new this year.
[Read more](#)



11/12/2024
Sustainability Milestone: Our Carbon-Neutral Process
Apex is committed to eco-friendly innovation. Learn how we've achieved carbon-neutral production for our latest product line.
[Read more](#)



11/12/2024
Apex at the Monaco Show
We proudly showcased our custom carbon components for supercars at the M1. See the highlights and exclusive details.
[Read more](#)

OUR MISSION

OUR MISSION

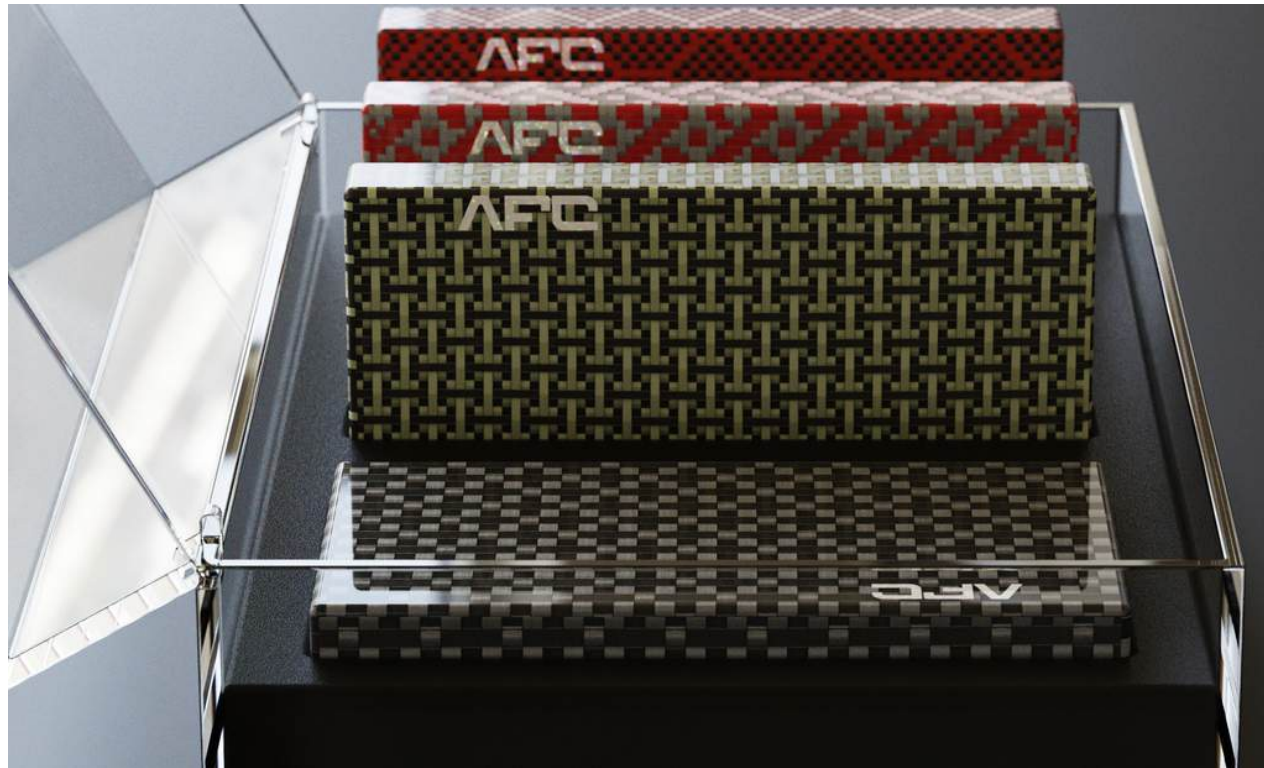
We tackle complex technical challenges for our clients by leveraging **advanced carbon technologies** to optimize weight and increase strength, thereby improving product performance. Additionally, we strive to create aesthetically pleasing solutions that highlight the unique style and design of each project.

Our goal is to **seamlessly combine functionality and aesthetics**, ensuring durability and high performance both on water and on land.



WHY CARBON?

WHY CARBON?



LIGHTWEIGHT

Carbon fiber is significantly lighter than metals like steel and even aluminum while maintaining exceptional strength. This makes it ideal for applications where weight reduction is crucial, such as aviation, automotive, and marine industries.

CORROSION RESISTANCE

Unlike metals, carbon fiber does not rust or corrode, making it ideal for marine environments, aerospace applications, and extreme weather conditions.

DESIGN FLEXIBILITY

Carbon fiber composites allow for the creation of complex and aerodynamic shapes that would be difficult or impossible to achieve with traditional materials like metal. This makes it a preferred choice in luxury automotive, yacht construction, and aerospace engineering.

HIGH STRENGTH AND REGIDITY

Despite its low weight, carbon fiber has an outstanding strength-to-weight ratio, outperforming steel in tensile and bending strength. This makes it perfect for structural applications requiring durability and resilience.

LONGEVITY

Carbon fiber parts maintain their shape and structural integrity over time, resisting degradation from UV exposure, temperature fluctuations, and harsh chemicals.

LOW THERMAL CONDUCTIVITY

Carbon fiber has excellent insulation properties, making it an efficient material for applications requiring heat resistance, such as motorsports, electronics, and high-performance engineering.

WHY CARBON?



ENERGY EFFICIENCY & SUSTAINABILITY

By reducing the overall weight of vehicles, aircraft, and marine vessels, carbon fiber contributes to better fuel efficiency and lower CO₂ emissions, making it a key material for sustainable technologies.

VIBRATION DUMPING

Carbon fiber effectively absorbs vibrations, improving performance and comfort in applications such as vehicle suspension systems, high-end bicycles, and even musical instruments.

AERODYNAMIC ADVANTAGES

Due to its high rigidity and lightweight nature, carbon fiber components can be designed to enhance aerodynamics, providing improved efficiency in motorsports and aviation.

PREMIUM AESTHETICS & EXCLUSIVITY

The distinct carbon fiber weave pattern is not only functional but also highly sought after for its premium and high-tech appearance, making it a staple in luxury design.

Carbon fiber is widely recognized as a revolutionary material, pushing the boundaries of innovation in industries that demand performance, efficiency, and cutting-edge design.

OUR VALUES

OUR VALUES

TECHNOLOGICAL EXCELLENCE

We employ state-of-the-art methods and processes to develop high-performance, reliable products.

INNOVATION

Staying at the forefront of technology, we implement cutting-edge solutions that expand the possibilities of carbon applications.

QUALITY & CRAFTSMANSHIP

We prioritize attention to detail and impeccable quality throughout all stages—from concept to realization.

EXCLUSIVITY

Each product is tailored to meet the individual needs of our clients, ensuring uniqueness and customization.

SUSTAINABILITY

We are committed to minimizing our carbon footprint by using eco-friendly materials and sustainable production processes.

OUR SERVICES

1. Automotive Components

2. Yachting Equipment and Tuning.

3. Medical Solutions

4. Sports Equipment

9. LEATHER INTERIOR CUSTOMIZATION (ALCANTARA)
5. Interior Design & Luxury Goods

6. Aerodynamics & Performance Enhancement

7. Weight Reduction Solutions

8. Fashion & Accessories

Carbon fiber is revolutionizing medical technology with its lightweight, durable, and biocompatible properties. Ideal for creating advanced medical devices, implants, and tools, it offers exceptional strength while resisting corrosion. Perfect for clinical environments, carbon fiber ensures safety, reliability, and precision in healthcare applications.



OUR SERVICES

AUTOMOTIVE COMPONENTS

AUTOMOTIVE COMPONENTS

OUR SERVICES

1. AERODYNAMIC ELEMENTS

Spoilers: Carbon spoilers enhance handling by boosting downforce and reducing air resistance with lightweight, efficient designs.

Diffusers: Carbon diffusers optimize airflow under the car, increasing downforce and stability, crucial for sports cars and supercars.

Side Skirts: Carbon side skirts reduce air resistance, ensuring smoother movement and greater stability during cornering.

2. BODY PANELS

Hoods and Trunk Lids: Lightweight carbon hoods and trunk lids reduce overall vehicle weight, improving acceleration and handling, while adding a stylish and premium appearance.

Fenders and Doors: Carbon fenders and doors increase vehicle strength and durability while reducing weight, maintaining aesthetic appeal and high-speed stability.

3. INTERIOR COMPONENTS

Panels and Inserts: Carbon interior panels and inserts bring a sleek, high-end look to dashboards, door trims, and center consoles, offering both durability and luxury.

Steering Wheels and Gear Shifters: Carbon steering wheels and gear shifters provide excellent grip and durability, making driving more enjoyable and comfortable.



AUTOMOTIVE COMPONENTS

OUR SERVICES



4. CHASSIS AND STRUCTURAL ELEMENTS

Frames and Reinforcements: Carbon frames and reinforcements increase vehicle strength while minimizing weight. This is critical for race cars where reduced weight boosts speed and maneuverability.

Suspension: Carbon suspension components reduce weight significantly, enhancing ride smoothness and control.

5. BRAKING SYSTEMS

Brake Discs: Carbon-ceramic brake discs offer excellent braking performance, withstand high temperatures, and provide remarkable durability, ideal for sports cars and supercars.

Brake Pads: Carbon brake pads ensure precise braking and longer service life, reducing the need for frequent replacements.

6. SEATS AND UPHOLSTERY

Racing Seats: Carbon racing seats are lightweight yet provide excellent support, perfect for sports cars. They enhance the cabin's style and reduce overall vehicle weight.

Decorative Inserts: Carbon decorative inserts in seat upholstery add uniqueness and exclusivity, complementing a sporty or premium interior design.

AUTOMOTIVE COMPONENTS

OUR SERVICES

7. LIGHTWEIGHT WHEELS

Carbon Wheels: Significantly lighter than metal alternatives, carbon wheels improve handling by reducing unsprung weight. Their high strength and corrosion resistance make them an ideal choice for premium and sports models.

10. LEATHER INTERIOR CUSTOMIZATION

We provide bespoke leather upholstery services, using premium leather and Alcantara.

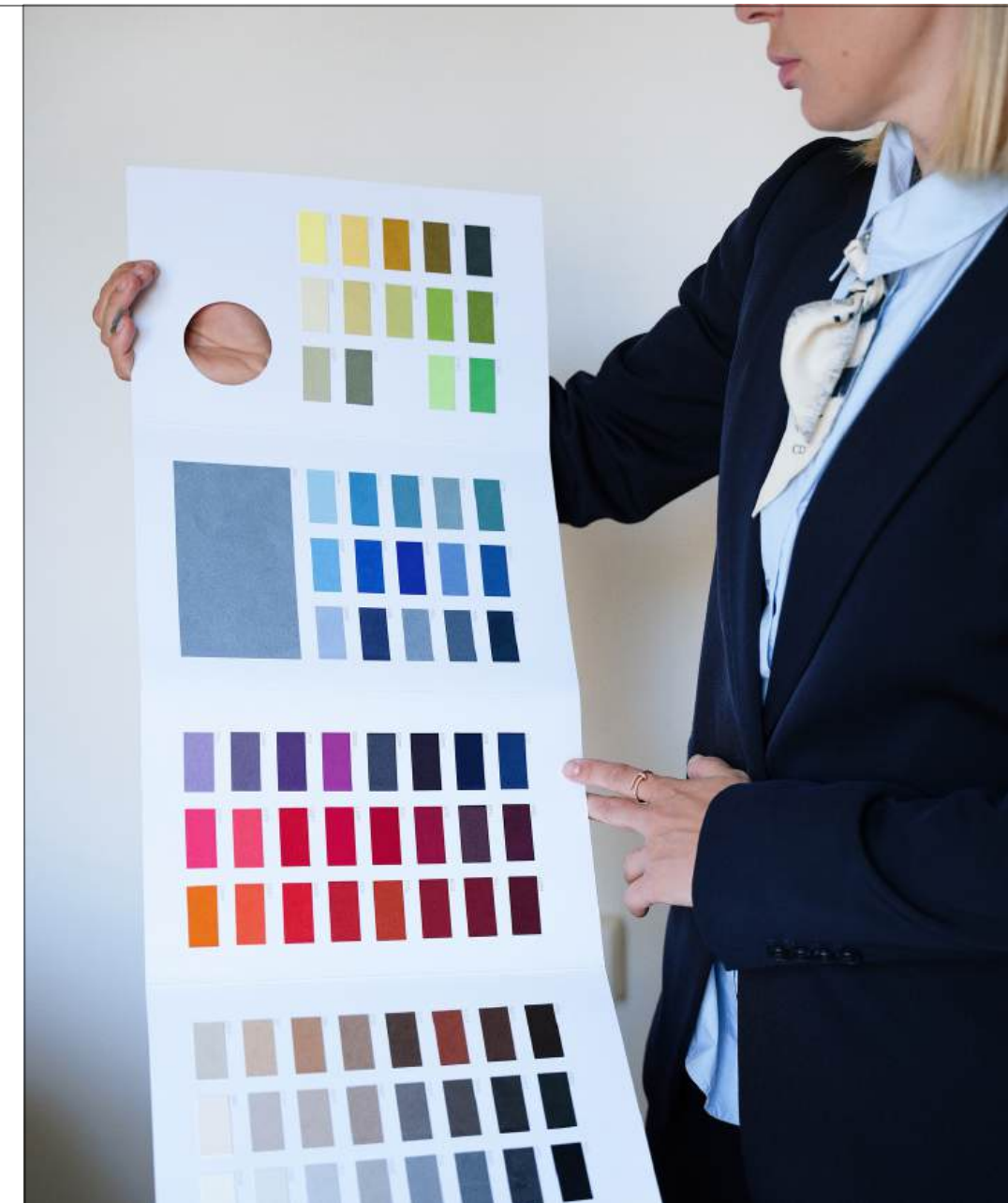
8. EXHAUST SYSTEM COMPONENTS

Carbon Mufflers: Carbon mufflers reduce vehicle weight and produce a sportier sound. Their heat and corrosion resistance ensure long-lasting performance and aesthetic appeal.

Exhaust Pipes and Tips: Carbon exhaust pipes and tips add visual impact and durability, giving vehicles a unique and recognizable style.

9. COMPREHENSIVE SUPERCAR TUNING

Full Customization: We provide comprehensive solutions for tuning supercars, replacing standard metal parts with carbon components to enhance performance, reduce weight, and improve aesthetics. Each project is tailored to the client's preferences and the vehicle's specifics.

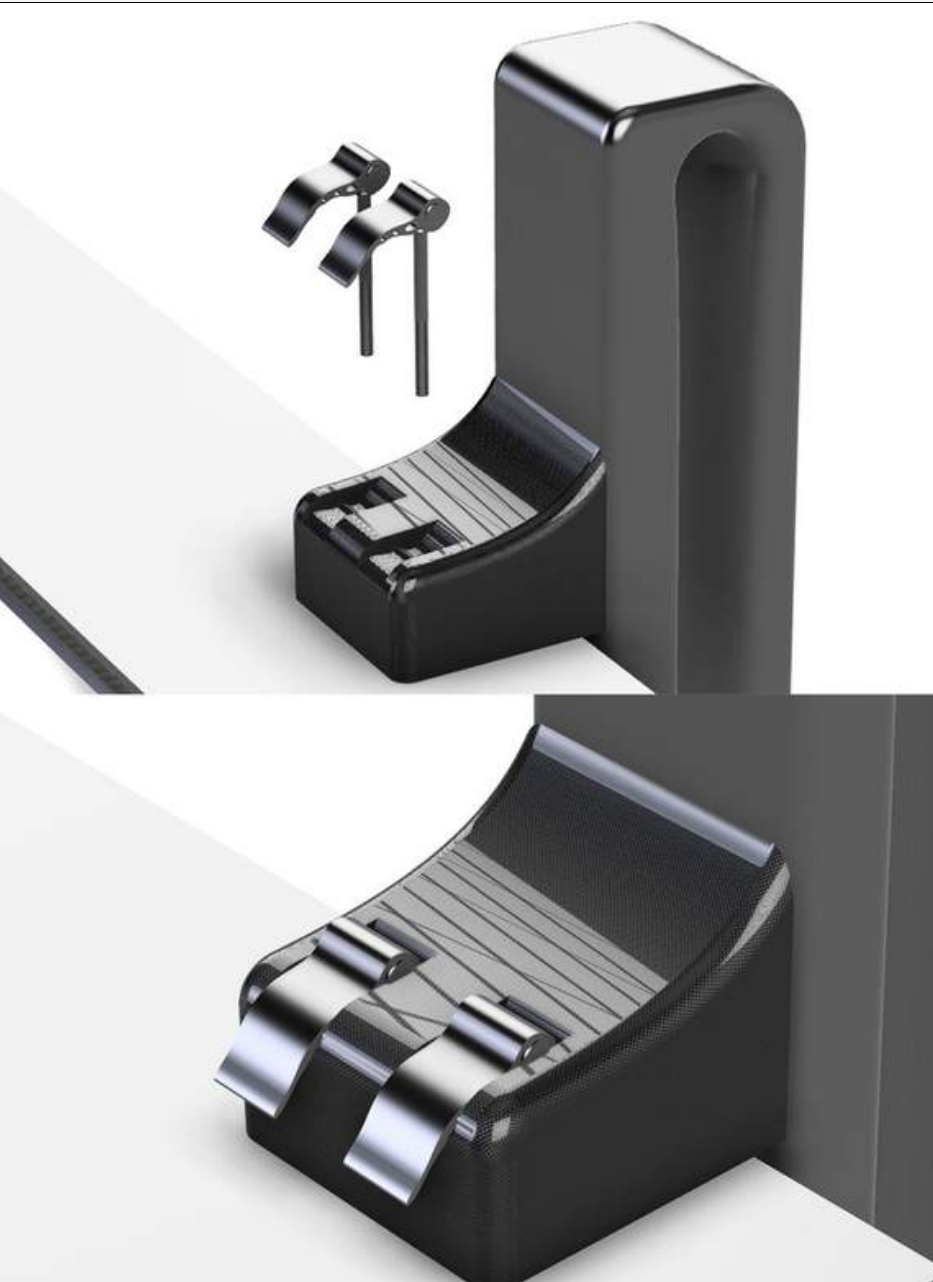




OUR SERVICES

YACHTING EQUIPMENT AND TUNING

OUR SERVICES / Yacht Equipment and Tuning



1. Fender bumpers and Covers

Carbon bumpers and fender covers protect yachts from docking damage, ensuring reliable hull protection while adding a sleek appearance.

4. Cockpit Components

Carbon cockpit elements increase comfort and reliability, giving yachts a modern look and easing maintenance.

2. Tent Poles and Structures

Carbon tent poles are lighter and more durable than traditional materials, simplifying installation and enhancing longevity.

5. Stern Ladders with Drawers and Mountings

Lightweight and sturdy carbon stern ladders with additional storage improve functionality, simplifying yacht boarding and offering convenient storage solutions.

3. Satellite Frameworks

Carbon frameworks for satellite equipment reduce weight while maintaining stability, essential for maintaining connectivity and navigation systems.

6. Fishing Rod Holders (Tinter Clips)

Carbon rod holders provide secure support for fishing rods, withstanding high-speed pressures and ensuring a comfortable fishing experience.

OUR SERVICES / Yacht Equipment and Tuning

7. Jet Ski Mounts

Carbon mounts reliably secure jet skis on yachts, withstanding heavy loads and resisting corrosion

9. Paddles for Paddleboarding

Carbon paddles offer lightness and excellent maneuverability, vital for water sports activities.

8. Tender Mounts

Lightweight and durable carbon mounts allow convenient tender storage and provide stability in various conditions.

10. Foiling Structures

Carbon foils improve stability and smooth sailing, especially important for racing and high-speed yachting.



Our Services / Yacht Equipment and Tuning

11. Boarding Passerelles

Carbon passerelles make boarding easier, with resistance to saltwater and UV radiation for long-lasting use.

12. Steering Wheels and Rudder Blades

Light and durable carbon steering wheels and rudder blades enhance yacht maneuverability and improve handling precision.

13. T-Tops

Carbon T-Tops provide sun protection while reducing structural weight, ensuring minimal load on the yacht's frame.



Most popular products 2024/2025

1. Swim Ladder
2. Side Boarding Ladder
3. Dock Steps
4. Pillar Fender
5. Foldable Passerelle
6. Fender Bumpers



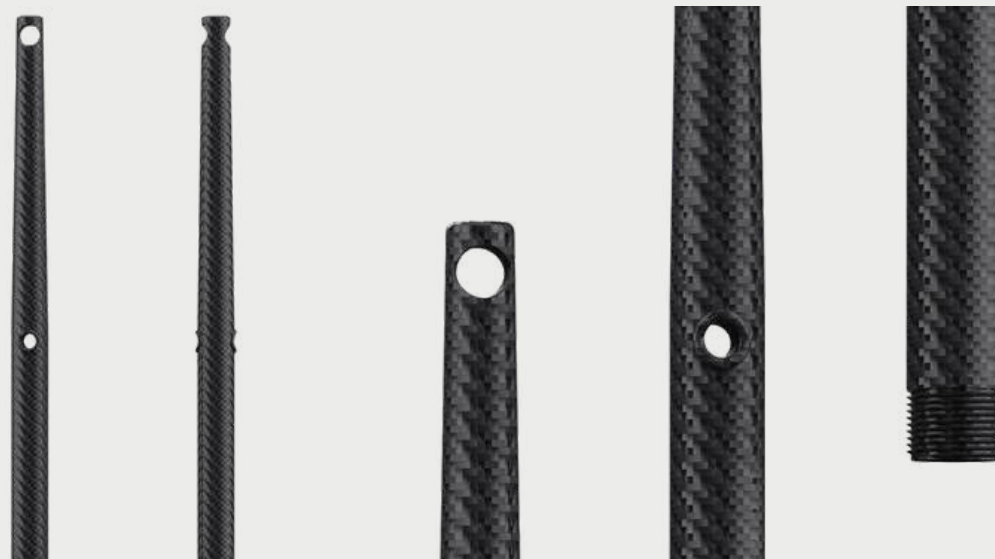
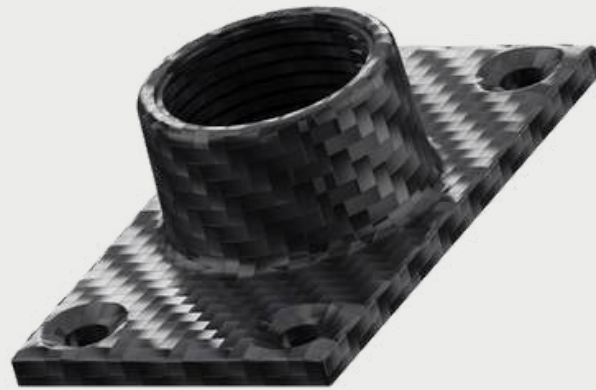
Most popular products 2024/2025

7. boathook

8. bagpipe

9. candlestick

10. candlestick base





OUR SERVICES

LIFESTYLE & PERFORMANCE

LIFESTYLE & PERFORMANCE

OUR SERVICES

MEDICAL SOLUTIONS

Carbon's properties make it invaluable in the medical field:

- Lightweight and durable medical devices.
- Corrosion-resistant materials ideal for clinical environments.
- Biocompatibility for implants and medical tools.

SPORTS EQUIPMENT

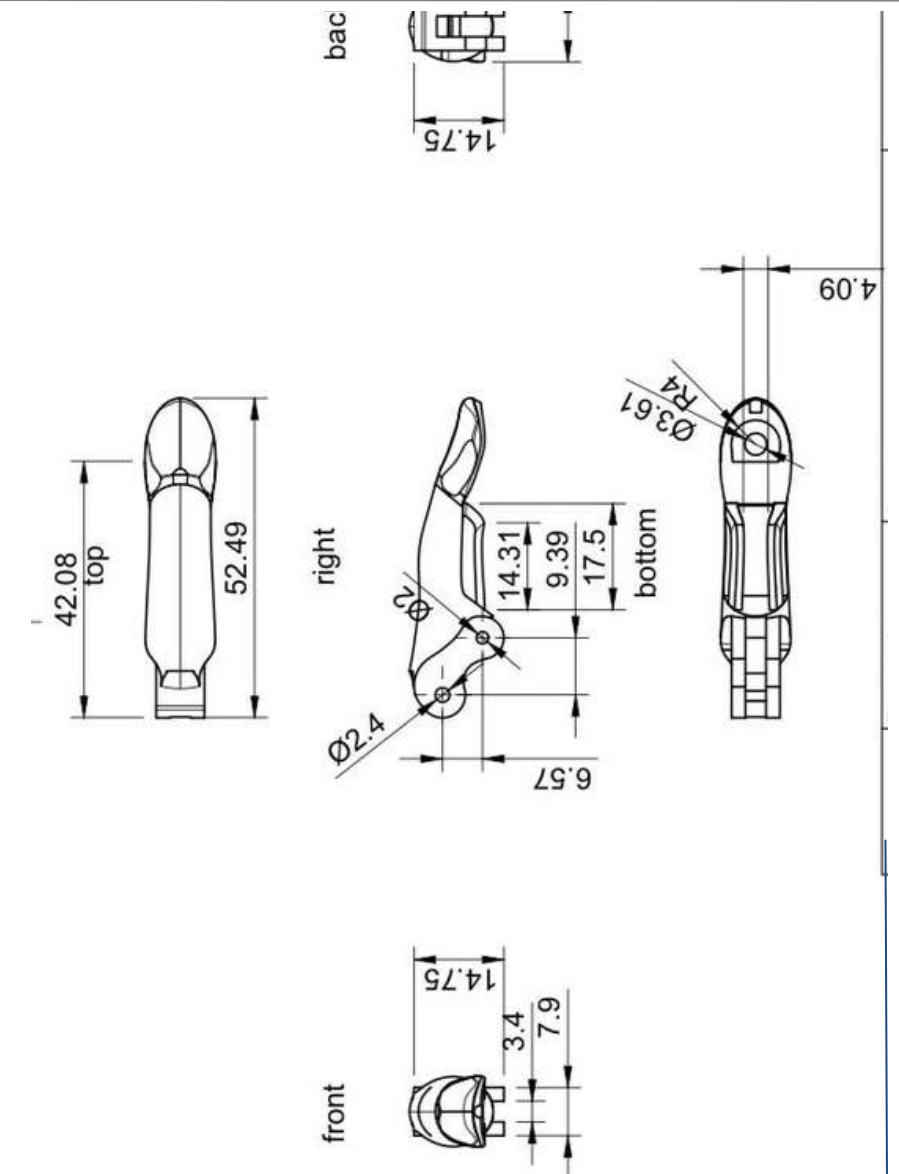
Carbon enhances athletic performance through its lightweight and durable nature:

- Bicycle frames, tennis rackets, skis.
- Snowboards, racing boats.

INTERIOR DESIGN & LUXURY GOODS

Carbon is increasingly used for creating high-end interior elements and exclusive design items:

- Furniture: Carbon tables, chairs, and shelves.
- Decorative Elements: Lamps, mirrors, and panels.
- Premium coverings and finishes.



OPTION 1 (V1):



AERODYNAMICS & PERFORMANCE ENHANCEMENT

Carbon's lightness and strength are vital in improving aerodynamics and vehicle performance:

- Aerodynamic kits (spoilers, diffusers).
- Lightweight solutions for cars, yachts, and more.

WEIGHT REDUCTION SOLUTIONS

Carbon's lightweight nature enhances efficiency across various applications, from vehicles to aerospace:

- Marine and automotive components.
- Aerospace structures.

FASHION & ACCESSORIES

Carbon finds application in the fashion industry for unique and functional accessories:

- Bags, sunglasses, and jewelry.
- Watch cases and decorative inserts.



OUR PEOPLE

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OUR PEOPLE



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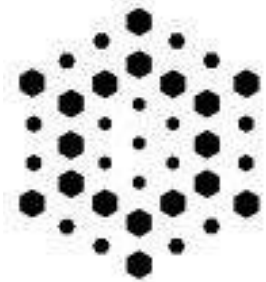
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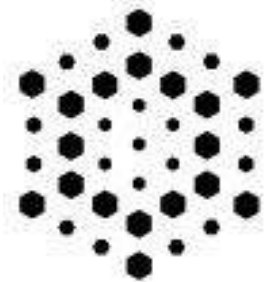
OUR PEOPLE



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Technical Support Specialist

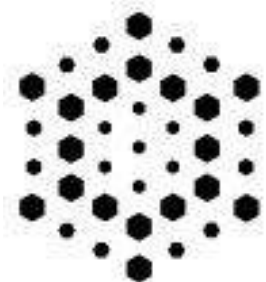
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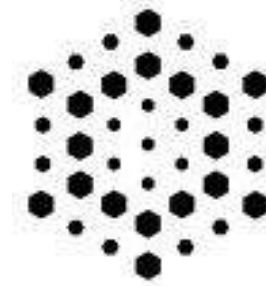
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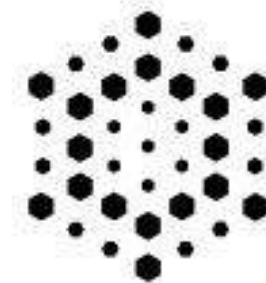
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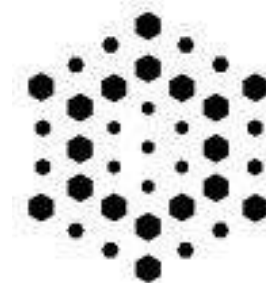
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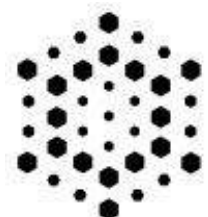
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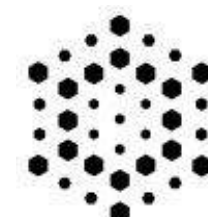
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OUR ADVANTAGES

OUR ADVANTAGES

1

**STRENGTH &
LIGHTWEIGHT**

2

**INNOVATION &
GROWTH**

4

**ADVANCED
TECHNOLOGY**

**CUSTOM
APPROACH**

3

**CORROSION
RESISTANCE**

5

CONTACT US

Let's create the future together!

Looking for a reliable partner to bring your ideas to life with advanced carbon technologies?

Apex Forged Carbon offers innovative solutions and first-class service.



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