

Carbon Fiber Bike Frames Market Size, Key Drivers, Top Players, And Business Insights 2030: Exactitude Consultancy

Revolutionizing Cycling: Lightweight, Durable, and Performance-Driven Carbon Fiber Bike Frames Redefine the Riding Experience.

LUTON, BEDFORDSHIRE, UNITED KINGDOM, April 25, 2024 /EINPresswire.com/ --



Carbon Fiber Bike Frames Market experiences surging demand driven by lightweight, durable, and high-performance attributes in cycling enthusiasts worldwide."

Exactitude Consultancy

The Latest Research report on "global [Carbon Fiber Bike Frames](#) Market Report 2023 -

offers strategic visions into the global Carbon Fiber Bike Frames market along with the market size (USD 3,986 million - USD 6,796 million) and estimates for the duration 2023 to 2029.

Carbon fibre is a lightweight, fabric-like substance. For it to take on the proper form, polymer is mixed. It has distinctive qualities including being lightweight and giving the finished product exceptional strength, which helps the bike have greater grip. Graphite fibre is another name for carbon fibre. Bike manufacturing especially uses carbon fibre in the automobile sector. Carbon fibre is used to make the lightest bike frame currently available, and because of the material's fibrous nature, frame designers may modify elements like stiffness and compliance. They can do this by altering the arrangement of the carbon layers. When compared to other types of frames, bike frames are frequently quite light, strong, and stiff. Engineers can easily manufacture differing strength or flex in different sections of the bike frame depending on what is needed since the materials used are simple to mould into diverse forms.

The Global Carbon Fiber Bicycle Frame Market size is expected to grow at more than 5.9% CAGR from 2019 to 2030. It is expected to reach above USD 6,796 million by 2030 from a little above USD 3,986 million in 2023.

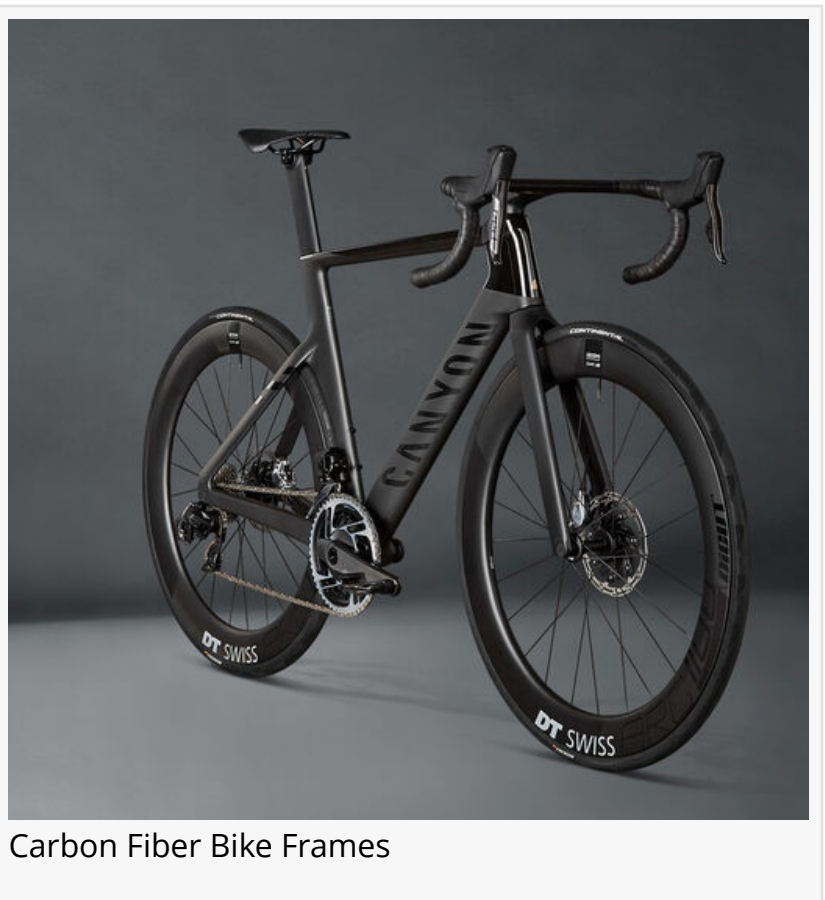
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Some of the important players in Carbon Fiber Bike Frames market are:

Advance International multi-tech co. ltd., ADK technology ltd., Basso, Bianchi, BMC, Bridgestone, Cannondale, Canyon, Fuji, Giant, IBIs and other.

Carbon Fiber Bike Frames Market Segmentation:

This research report categorizes the Carbon Fiber Bike Frames market into the following segments and subsegments:



Carbon Fiber Bike Frames

Carbon Fiber Bike Frames Market By Type, 2019-2028, (IN USD Million)

Regular Bicycle Frame

Mountain Bicycle Frame

Racing Bicycle Frame

Carbon Fiber Bike Frames Market By Distribution Channel, 2019-2028, (In USD Million)

Bicycle Specialty Store

Sports Shop

Online Volume

Geographical region & continent

Geographical region & continent: North America, Europe, Asia Pacific, Oceania, South America, geographical region & continent

Geographical Regions: u. s., Canada, Mexico, Brazil, Argentina, Colombia, Chile, Nigeria, Tunisia, Morocco, Germany, uk (UK), Holland, Spain, Italy, Belgium, Austria, Turkey, Russia, France, Poland, Israel, United Arab Emirates, Qatar, China, Japan, Taiwan, South Korea, Singapore, India and Australia etc.

"Europe Accounted for the Largest Market Share and is Poised to Register Commendable Growth"

The European carbon fiber bike market is growing rapidly with new players and products entering the market on a regular basis. In order to keep up with the competition, companies are offering innovative products and technologies that cater to the needs of cyclists. Some of the key players in the European carbon fiber bike market include Specialized, Canyon, BMC, and Trek. The European market is highly fragmented with a large number of small and medium-sized players. The presence of a large number of players makes it difficult for new players to enter the market. The key players in the market are focused on providing innovative products and technologies that cater to the needs of cyclists. In order to gain a competitive edge, companies are offering attractive discounts and schemes. The European carbon fiber bike market share is driven by factors such as the growing popularity of cycling, the need for lightweight bikes, and the increasing disposable income. However, the high cost of carbon fiber bikes is expected to restrain the market growth.

For more information visit: <https://exactitudeconsultancy.com/reports/1063/carbon-fiber-bicycle-frame-market>

Key Features of Carbon Fiber Bike Frames Report:

- Comprehensive assessment of all opportunities and risk in the Carbon Fiber Bike Frames market.
- Carbon Fiber Bike Frames market recent innovations and major events.
- Detailed study of business approaches for the growth of the market-leading players.
- Conclusive study about the expansion plot of the market for forthcoming years.
- In-depth understanding of market-specific drivers, constraints and major mini-markets.
- Favorable impression inside vital technological and market latest trends striking the Carbon Fiber Bike Frames market.

DRIVING FACTORS

"Carbon Fibre Bike Industry is Being Driven by Rising Demand for Carbon Fibre Frames"

Given that it produces less pollutants, carbon fibre composites are a non-metallic material that is becoming more and more widespread in bicycles. Despite being relatively costly, it is exceedingly light and robust, and thanks to its unique qualities, it is both corrosion-resistant and pressure-resistant. Any desired shape may be created with this substance. As they have become more affordable and accessible, carbon fibre bike frames are growing in popularity and are the best option for individuals on a low budget. Power riders have swiftly made carbon fibre their preferred and most widely used material. It may be utilised to build a very robust frame and is desirable since it is both light and sturdy.

"Rising Adoption for the Carbon Fiber Bike for Racing Purposes to Boost Market Expansion"

Cycling has become a very popular sport in recent years, with more people participating in organized races and events. This has increased the demand for carbon fiber bikes, as they are the preferred choice for racing. Carbon fiber bikes are lighter and more aerodynamic than traditional bikes, which gives them a significant advantage in races. The market is being driven by the growing popularity of carbon fibre bikes for competitive riding. This is due to the bike's construction, which uses carbon fibre, a material that is both strong and light. Because it can move quicker and is incredibly robust, this makes the bike perfect for racing. The bike is ideal for lengthy races since it is also quite pleasant to ride.

RESTRAINING FACTORS

"The Carbon Fibre Bike Market's Growth is Being Hampered by High Cost of Carbon Fibre"

Compared to comparable alternatives, carbon fibre has greater R&D and production expenses. The high cost of carbon fibre prevents it from being used in the production of lightweight, fuel-efficient automobiles, which is problematic given how price-sensitive the automotive industry is. Pressure vessels made of carbon fibre reinforced polymer (CFRP) last twice as long as those made of steel or glass. Steel and steel-fiberglass composite pressure vessels are \$5 per kg and \$7.50 per kg, respectively, whereas CFRP-based pressure vessels cost \$16.25 per kg. In order to lower the price of carbon fibre composites, vendors concentrate on R&D operations.

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- (1) What was the size of the global Carbon Fiber Bike Frames market in 2022?
- (2) What is the expected growth rate of the global Carbon Fiber Bike Frames market during 2023-2028?
- (3) What are the key factors driving the global Carbon Fiber Bike Frames market?

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