

Global Aircraft Carbon Brake Disc Market Size study, by Material Type (Carbon-Carbon Carbon-Composite) by Aircraft Type (General aviation, Military aircraft) by Fit Type (First Fit, Retro Fit) and Regional Forecasts 2022-2028

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Abstracts

Global Aircraft Carbon Brake Disc Market is valued approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2028. Carbon brake discs carry out the most crucial functions of the brake system, which is friction. Carbon brake discs enable the aircraft to completely stop moving while the plane is taking off and landing, this makes the discs key components in the brake system. Carbon brake material can easily bear high temperature and also have high thermal conductivity. Growing air passenger & freight traffic in post covid era and rising demand for lightweight aircraft components are key drivers for the growth of Aircraft Carbon Brake Disc market. For instance, according to Global database management company Statista- in the year 2020, Global airfreight traffic estimated at 56.1 million metric tons and by the year 2020 this number is estimated to reach to 69.3 million metric tons. Also, as per The International Air Transport Association (IATA)'s Air Cargo Market Analysis for Sept 2021- Global Industry-wide cargo tonne-kilometres (CTKs) increased by 9.1% in September 2021 from the same month in the year 2019. Airlines based in Asia Pacific saw their international CTKs grows by 7.9% in October 2021 from the same month in 2019. Also, with the increasing demand for aircraft and surging aviation infrastructure in emerging economies., the adoption & demand for Aircraft Carbon Brake Disc is likely to increase the market growth during the forecast period. However, availability of alternative products, high cost of Aircraft Carbon Brake Disc impedes the growth of the market over the forecast period of 2022-2028.

The key regions considered for the Global Aircraft Carbon Brake Disc Market study includes Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading/significant region across the world in terms of market share owing to presence of leading market players in the region. Whereas, Asia-Pacific is anticipated to exhibit highest growth rate / CAGR over the forecast period 2022-2028. Factors such as growing aviation infrastructure in the emerging countries of the region would create lucrative growth prospects for the Aircraft Carbon Brake Disc market across Asia-Pacific region.

Major market player included in this report are:

Messier Bugatti
UTC Aerospace Systems,
Meggitt Airplane Braking Systems,
Honeywell,
Xi'an Aviation Brake Technology,
Xi'an Chaoma Technology,
Hunan Boyun New Materials,
Beijing Baimtec Material,
Lantai Aviation Equipment
Luhang Carbon Materials

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Material Type:

Carbon-Carbon
Carbon-Composite

By Aircraft Type:

General Aviation
Military Aircraft

By Fit Type:

First Fit,

Retro Fit

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Aircraft Carbon Brake Disc Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Billion)
 - 1.2.1. Aircraft Carbon Brake Disc Market, by Region, 2020-2028 (USD Billion)
 - 1.2.2. Aircraft Carbon Brake Disc Market, by Material Type, 2020-2028 (USD Billion)
 - 1.2.3. Aircraft Carbon Brake Disc Market, by Aircraft Type, 2020-2028 (USD Billion)
 - 1.2.4. Aircraft Carbon Brake Disc Market, by Fit Type, 2020-2028 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL AIRCRAFT CARBON BRAKE DISC MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL AIRCRAFT CARBON BRAKE DISC MARKET DYNAMICS

- 3.1. Aircraft Carbon Brake Disc Market Impact Analysis (2020-2028)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Growing air passenger & freight traffic in post covid era.
 - 3.1.1.2. Rising demand for lightweight aircraft components.
 - 3.1.2. Market Challenges
 - 3.1.2.1. High manufacturing cost.
 - 3.1.2.2. Availability of alternative products.
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Increase in the demand for aircraft.
 - 3.1.3.2. Growing aviation infrastructure in emerging economies.

CHAPTER 4. GLOBAL AIRCRAFT CARBON BRAKE DISC MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2019-2028)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion
- 4.5. Top investment opportunity
- 4.6. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1.1. Assessment of the overall impact of COVID-19 on the industry
- 5.1.2. Pre COVID-19 and post COVID-19 market scenario

CHAPTER 6. GLOBAL AIRCRAFT CARBON BRAKE DISC MARKET, BY MATERIAL TYPE

- 6.1. Market Snapshot
- 6.2. Global Aircraft Carbon Brake Disc Market by Material Type, Performance - Potential Analysis
- 6.3. Global Aircraft Carbon Brake Disc Market Estimates & Forecasts by Material Type 2019-2028 (USD Billion)
- 6.4. Aircraft Carbon Brake Disc Market, Sub Segment Analysis
 - 6.4.1. Carbon-Carbon
 - 6.4.2. Carbon-Composite

CHAPTER 7. GLOBAL AIRCRAFT CARBON BRAKE DISC MARKET, BY AIRCRAFT TYPE

- 7.1. Market Snapshot

7.2. Global Aircraft Carbon Brake Disc Market by Aircraft Type, Performance - Potential Analysis

7.3. Global Aircraft Carbon Brake Disc Market Estimates & Forecasts by Aircraft Type 2019-2028 (USD Billion)

7.4. Aircraft Carbon Brake Disc Market, Sub Segment Analysis

7.4.1. General Aviation

7.4.2. Military aircraft

CHAPTER 8. GLOBAL AIRCRAFT CARBON BRAKE DISC MARKET, BY FIT TYPE

8.1. Market Snapshot

8.2. Global Aircraft Carbon Brake Disc Market by Fit Type, Performance - Potential Analysis

8.3. Global Aircraft Carbon Brake Disc Market Estimates & Forecasts by Fit Type 2019-2028 (USD Billion)

8.4. Aircraft Carbon Brake Disc Market, Sub Segment Analysis

8.4.1. First Fit

8.4.2. Retro Fit

CHAPTER 9. GLOBAL AIRCRAFT CARBON BRAKE DISC MARKET, REGIONAL ANALYSIS

9.1. Aircraft Carbon Brake Disc Market, Regional Market Snapshot

9.2. North America Aircraft Carbon Brake Disc Market

9.2.1. U.S. Aircraft Carbon Brake Disc Market

9.2.1.1. Material Type breakdown estimates & forecasts, 2019-2028

9.2.1.2. Aircraft Type breakdown estimates & forecasts, 2019-2028

9.2.1.3. Fit Type breakdown estimates & forecasts, 2019-2028

9.2.2. Canada Aircraft Carbon Brake Disc Market

9.3. Europe Aircraft Carbon Brake Disc Market Snapshot

9.3.1. U.K. Aircraft Carbon Brake Disc Market

9.3.2. Germany Aircraft Carbon Brake Disc Market

9.3.3. France Aircraft Carbon Brake Disc Market

9.3.4. Spain Aircraft Carbon Brake Disc Market

9.3.5. Italy Aircraft Carbon Brake Disc Market

9.3.6. Rest of Europe Aircraft Carbon Brake Disc Market

9.4. Asia-Pacific Aircraft Carbon Brake Disc Market Snapshot

9.4.1. China Aircraft Carbon Brake Disc Market

9.4.2. India Aircraft Carbon Brake Disc Market

- 9.4.3. Japan Aircraft Carbon Brake Disc Market
- 9.4.4. Australia Aircraft Carbon Brake Disc Market
- 9.4.5. South Korea Aircraft Carbon Brake Disc Market
- 9.4.6. Rest of Asia Pacific Aircraft Carbon Brake Disc Market
- 9.5. Latin America Aircraft Carbon Brake Disc Market Snapshot
 - 9.5.1. Brazil Aircraft Carbon Brake Disc Market
 - 9.5.2. Mexico Aircraft Carbon Brake Disc Market
- 9.6. Rest of The World Aircraft Carbon Brake Disc Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Top Market Strategies
- 10.2. Company Profiles
 - 10.2.1. Messier-Bugatti
 - 10.2.1.1. Key Information
 - 10.2.1.2. Overview
 - 10.2.1.3. Financial (Subject to Data Availability)
 - 10.2.1.4. Product Summary
 - 10.2.1.5. Recent Developments
 - 10.2.2. UTC Aerospace Systems,
 - 10.2.3. Meggitt Airplane Braking Systems,
 - 10.2.4. Honeywell,
 - 10.2.5. Xi'an Aviation Brake Technology,
 - 10.2.6. Xi'an Chaoma Technology,
 - 10.2.7. Hunan Boyun New Materials,
 - 10.2.8. Beijing Baimtec Material,
 - 10.2.9. Lantai Aviation Equipment
 - 10.2.10. Luhang Carbon Materials

CHAPTER 11. RESEARCH PROCESS

- 11.1. Research Process
 - 11.1.1. Data Mining
 - 11.1.2. Analysis
 - 11.1.3. Market Estimation
 - 11.1.4. Validation
 - 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Aircraft Carbon Brake Disc Market, report scope

TABLE 2. Global Aircraft Carbon Brake Disc Market estimates & forecasts by Region 2019-2028 (USD Billion)

TABLE 3. Global Aircraft Carbon Brake Disc Market estimates & forecasts by Material Type 2019-2028 (USD Billion)

TABLE 4. Global Aircraft Carbon Brake Disc Market estimates & forecasts by Aircraft Type 2019-2028 (USD Billion)

TABLE 5. Global Aircraft Carbon Brake Disc Market estimates & forecasts by Fit Type 2019-2028 (USD Billion)

TABLE 6. Global Aircraft Carbon Brake Disc Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 7. Global Aircraft Carbon Brake Disc Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 8. Global Aircraft Carbon Brake Disc Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 9. Global Aircraft Carbon Brake Disc Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 10. Global Aircraft Carbon Brake Disc Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 11. Global Aircraft Carbon Brake Disc Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 12. Global Aircraft Carbon Brake Disc Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 13. Global Aircraft Carbon Brake Disc Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 14. Global Aircraft Carbon Brake Disc Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 15. Global Aircraft Carbon Brake Disc Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 16. U.S. Aircraft Carbon Brake Disc Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 17. U.S. Aircraft Carbon Brake Disc Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 18. U.S. Aircraft Carbon Brake Disc Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 19. Canada Aircraft Carbon Brake Disc Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 20. Canada Aircraft Carbon Brake Disc Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 21. Canada Aircraft Carbon Brake Disc Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 22. UK Aircraft Carbon Brake Disc Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 23. UK Aircraft Carbon Brake Disc Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 24. UK Aircraft Carbon Brake Disc Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 25. Germany Aircraft Carbon Brake Disc Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 26. Germany Aircraft Carbon Brake Disc Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 27. Germany Aircraft Carbon Brake Disc Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 28. RoE Aircraft Carbon Brake Disc Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 29. RoE Aircraft Carbon Brake Disc Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 30. RoE Aircraft Carbon Brake Disc Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 31. China Aircraft Carbon Brake Disc Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 32. China Aircraft Carbon Brake Disc Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 33. China Aircraft Carbon Brake Disc Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 34. India Aircraft Carbon Brake Disc Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 35. India Aircraft Carbon Brake Disc Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 36. India Aircraft Carbon Brake Disc Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 37. Japan Aircraft Carbon Brake Disc Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 38. Japan Aircraft Carbon Brake Disc Market estimates & forecasts by segment

2019-2028 (USD Billion)

TABLE 39. Japan Aircraft Carbon Brake Disc Market estimates & forecasts by segment
2019-2028 (USD Billion)

TABLE 40. RoAPAC Aircraft Carbon Brake Disc Market estimates & forecasts,
2019-2028 (USD Billion)

TABLE 41. RoAPAC Aircraft Carbon Brake Disc Market estimates & forecasts by
segment 2019-2028 (USD Billion)

TABLE 42. RoAPAC Aircraft Carbon Brake Disc Market estimates & forecasts by
segment 2019-2028 (USD Billion)

TABLE 43. Brazil Aircraft Carbon Brake Disc Market estimates & forecasts, 2019-2028
(USD Billion)

TABLE 44. Brazil Aircraft Carbon Brake Disc Market estimates & forecasts by segment
2019-2028 (USD Billion)

TABLE 45. Brazil Aircraft Carbon Brake Disc Market estimates & forecasts by segment
2019-2028 (USD Billion)

TABLE 46. Mexico Aircraft Carbon Brake Disc Market estimates & forecasts, 2019-2028
(USD Billion)

TABLE 47. Mexico Aircraft Carbon Brake Disc Market estimates & forecasts by
segment 2019-2028 (USD Billion)

TABLE 48. Mexico Aircraft Carbon Brake Disc Market estimates & forecasts by
segment 2019-2028 (USD Billion)

TABLE 49. RoLA Aircraft Carbon Brake Disc Market estimates & forecasts, 2019-2028
(USD Billion)

TABLE 50. RoLA Aircraft Carbon Brake Disc Market estimates & forecasts by segment
2019-2028 (USD Billion)

TABLE 51. RoLA Aircraft Carbon Brake Disc Market estimates & forecasts by segment
2019-2028 (USD Billion)

TABLE 52. Row Aircraft Carbon Brake Disc Market estimates & forecasts, 2019-2028
(USD Billion)

TABLE 53. Row Aircraft Carbon Brake Disc Market estimates & forecasts by segment
2019-2028 (USD Billion)

TABLE 54. Row Aircraft Carbon Brake Disc Market estimates & forecasts by segment
2019-2028 (USD Billion)

TABLE 55. List of secondary sources, used in the study of global Aircraft Carbon Brake
Disc Market

TABLE 56. List of primary sources, used in the study of global Aircraft Carbon Brake
Disc Market

TABLE 57. Years considered for the study

TABLE 58. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Aircraft Carbon Brake Disc Market, research methodology
- FIG 2. Global Aircraft Carbon Brake Disc Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Aircraft Carbon Brake Disc Market, key trends 2021
- FIG 5. Global Aircraft Carbon Brake Disc Market, growth prospects 2022-2028
- FIG 6. Global Aircraft Carbon Brake Disc Market, porters 5 force model
- FIG 7. Global Aircraft Carbon Brake Disc Market, pest analysis
- FIG 8. Global Aircraft Carbon Brake Disc Market, value chain analysis
- FIG 9. Global Aircraft Carbon Brake Disc Market by segment, 2019 & 2028 (USD Billion)
- FIG 10. Global Aircraft Carbon Brake Disc Market by segment, 2019 & 2028 (USD Billion)
- FIG 11. Global Aircraft Carbon Brake Disc Market by segment, 2019 & 2028 (USD Billion)
- FIG 12. Global Aircraft Carbon Brake Disc Market by segment, 2019 & 2028 (USD Billion)
- FIG 13. Global Aircraft Carbon Brake Disc Market by segment, 2019 & 2028 (USD Billion)
- FIG 14. Global Aircraft Carbon Brake Disc Market, regional snapshot 2019 & 2028
- FIG 15. North America Aircraft Carbon Brake Disc Market 2019 & 2028 (USD Billion)
- FIG 16. Europe Aircraft Carbon Brake Disc Market 2019 & 2028 (USD Billion)
- FIG 17. Asia pacific Aircraft Carbon Brake Disc Market 2019 & 2028 (USD Billion)
- FIG 18. Latin America Aircraft Carbon Brake Disc Market 2019 & 2028 (USD Billion)
- FIG 19. Global Aircraft Carbon Brake Disc Market, company market share analysis (2021)

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