

Global Airplane Carbon Brake Disc Market Growth 2024-2030

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Abstracts

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According to our LPI (LP Information) latest study, the global Airplane Carbon Brake Disc market size was valued at US\$ 1225 million in 2023. With growing demand in downstream market, the Airplane Carbon Brake Disc is forecast to a readjusted size of US\$ 1550.4 million by 2030 with a CAGR of 3.4% during review period.

The research report highlights the growth potential of the global Airplane Carbon Brake Disc market. Airplane Carbon Brake Disc are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Airplane Carbon Brake Disc. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Airplane Carbon Brake Disc market.

Airplane Carbon Brake Disc is mounted in airplane wheel brake device, it is an important component which is usually used for takeoff, landing, gliding, turning and stopping the. It realizes brake and ensures the safety of a flight and is belonging to the consumable parts.

There are two kinds of airplane brake disc, powder metallurgy brakes and carbon brakes. It is the inevitable trend that carbon brakes, which have excellent mechanical properties, thermal physical properties and good friction and wear properties, will replace powder metallurgy brakes in the aviation industry.

Airplane carbon brake disc is an advanced technique in brake device. Compared to



steel brakes, it is lighter, has better heat dissipation property, and does not reduce the energy absorption characteristics at high temperatures.

Europe is the largest Airplane Carbon Brake Disc market with about 63% market share. US is follower, accounting for about 27% market share.

The key players are Messier-Bugatti(FR), UTC Aerospace Systems (USA), Meggitt Airplane Braking Systems(UK), Honeywell (USA), Xi'an Aviation Brake Technology(CN), Xi'an Chaoma Technology(CN), Hunan Boyun New Materials(CN), Beijing Baimtec Material(CN), Lantai Aviation Equipment(CN), Luhang Carbon Materials(CN) etc. Top 3 companies occupied about 77% market share.

Key Features:

The report on Airplane Carbon Brake Disc market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the Airplane Carbon Brake Disc market. It may include historical data, market segmentation by Type (e.g., CVD, Short Fiber Impregnated Carbonization), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Airplane Carbon Brake Disc market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the Airplane Carbon Brake Disc market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the Airplane Carbon Brake Disc industry. This include advancements in Airplane Carbon Brake Disc technology, Airplane Carbon Brake Disc new entrants, Airplane Carbon Brake Disc new investment, and other innovations that are shaping the future of Airplane Carbon Brake Disc.



Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the Airplane Carbon Brake Disc market. It includes factors influencing customer 'purchasing decisions, preferences for Airplane Carbon Brake Disc product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the Airplane Carbon Brake Disc market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Airplane Carbon Brake Disc market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the Airplane Carbon Brake Disc market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the Airplane Carbon Brake Disc industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Airplane Carbon Brake Disc market.

Market Segmentation:

Airplane Carbon Brake Disc market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Segmentation by type

CVD

Short Fiber Impregnated Carbonization

Segmentation by application



Civil Aviation

OIVII A	viation	
Military	Aircraft	
This report also splits the market by region:		
Americas		
	United States	
	Canada	
	Mexico	
	Brazil	
APAC		
	China	
	Japan	
	Korea	
	Southeast Asia	
	India	
	Australia	
Europe	9	
	Germany	
	France	
	UK	





Xi'an Chaoma Technology (CN)

Hunan Boyun New Materials (CN)

Beijing Baimtec Material (CN)

Lantai Aviation Equipment (CN)



Luhang Carbon Materials (CN)

Key Questions Addressed in this Report

What is the 10-year outlook for the global Airplane Carbon Brake Disc market?

What factors are driving Airplane Carbon Brake Disc market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Airplane Carbon Brake Disc market opportunities vary by end market size?

How does Airplane Carbon Brake Disc break out type, application?



Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Airplane Carbon Brake Disc Annual Sales 2019-2030
- 2.1.2 World Current & Future Analysis for Airplane Carbon Brake Disc by Geographic Region, 2019, 2023 & 2030
- 2.1.3 World Current & Future Analysis for Airplane Carbon Brake Disc by Country/Region, 2019, 2023 & 2030
- 2.2 Airplane Carbon Brake Disc Segment by Type
 - 2.2.1 CVD
 - 2.2.2 Short Fiber Impregnated Carbonization
- 2.3 Airplane Carbon Brake Disc Sales by Type
 - 2.3.1 Global Airplane Carbon Brake Disc Sales Market Share by Type (2019-2024)
- 2.3.2 Global Airplane Carbon Brake Disc Revenue and Market Share by Type (2019-2024)
- 2.3.3 Global Airplane Carbon Brake Disc Sale Price by Type (2019-2024)
- 2.4 Airplane Carbon Brake Disc Segment by Application
 - 2.4.1 Civil Aviation
 - 2.4.2 Military Aircraft
- 2.5 Airplane Carbon Brake Disc Sales by Application
- 2.5.1 Global Airplane Carbon Brake Disc Sale Market Share by Application (2019-2024)
- 2.5.2 Global Airplane Carbon Brake Disc Revenue and Market Share by Application (2019-2024)
- 2.5.3 Global Airplane Carbon Brake Disc Sale Price by Application (2019-2024)



3 GLOBAL AIRPLANE CARBON BRAKE DISC BY COMPANY

- 3.1 Global Airplane Carbon Brake Disc Breakdown Data by Company
 - 3.1.1 Global Airplane Carbon Brake Disc Annual Sales by Company (2019-2024)
- 3.1.2 Global Airplane Carbon Brake Disc Sales Market Share by Company (2019-2024)
- 3.2 Global Airplane Carbon Brake Disc Annual Revenue by Company (2019-2024)
- 3.2.1 Global Airplane Carbon Brake Disc Revenue by Company (2019-2024)
- 3.2.2 Global Airplane Carbon Brake Disc Revenue Market Share by Company (2019-2024)
- 3.3 Global Airplane Carbon Brake Disc Sale Price by Company
- 3.4 Key Manufacturers Airplane Carbon Brake Disc Producing Area Distribution, Sales Area, Product Type
 - 3.4.1 Key Manufacturers Airplane Carbon Brake Disc Product Location Distribution
 - 3.4.2 Players Airplane Carbon Brake Disc Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR AIRPLANE CARBON BRAKE DISC BY GEOGRAPHIC REGION

- 4.1 World Historic Airplane Carbon Brake Disc Market Size by Geographic Region (2019-2024)
- 4.1.1 Global Airplane Carbon Brake Disc Annual Sales by Geographic Region (2019-2024)
- 4.1.2 Global Airplane Carbon Brake Disc Annual Revenue by Geographic Region (2019-2024)
- 4.2 World Historic Airplane Carbon Brake Disc Market Size by Country/Region (2019-2024)
- 4.2.1 Global Airplane Carbon Brake Disc Annual Sales by Country/Region (2019-2024)
- 4.2.2 Global Airplane Carbon Brake Disc Annual Revenue by Country/Region (2019-2024)
- 4.3 Americas Airplane Carbon Brake Disc Sales Growth
- 4.4 APAC Airplane Carbon Brake Disc Sales Growth
- 4.5 Europe Airplane Carbon Brake Disc Sales Growth



4.6 Middle East & Africa Airplane Carbon Brake Disc Sales Growth

5 AMERICAS

- 5.1 Americas Airplane Carbon Brake Disc Sales by Country
 - 5.1.1 Americas Airplane Carbon Brake Disc Sales by Country (2019-2024)
 - 5.1.2 Americas Airplane Carbon Brake Disc Revenue by Country (2019-2024)
- 5.2 Americas Airplane Carbon Brake Disc Sales by Type
- 5.3 Americas Airplane Carbon Brake Disc Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Airplane Carbon Brake Disc Sales by Region
 - 6.1.1 APAC Airplane Carbon Brake Disc Sales by Region (2019-2024)
 - 6.1.2 APAC Airplane Carbon Brake Disc Revenue by Region (2019-2024)
- 6.2 APAC Airplane Carbon Brake Disc Sales by Type
- 6.3 APAC Airplane Carbon Brake Disc Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Airplane Carbon Brake Disc by Country
- 7.1.1 Europe Airplane Carbon Brake Disc Sales by Country (2019-2024)
- 7.1.2 Europe Airplane Carbon Brake Disc Revenue by Country (2019-2024)
- 7.2 Europe Airplane Carbon Brake Disc Sales by Type
- 7.3 Europe Airplane Carbon Brake Disc Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK



- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Airplane Carbon Brake Disc by Country
 - 8.1.1 Middle East & Africa Airplane Carbon Brake Disc Sales by Country (2019-2024)
- 8.1.2 Middle East & Africa Airplane Carbon Brake Disc Revenue by Country (2019-2024)
- 8.2 Middle East & Africa Airplane Carbon Brake Disc Sales by Type
- 8.3 Middle East & Africa Airplane Carbon Brake Disc Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Airplane Carbon Brake Disc
- 10.3 Manufacturing Process Analysis of Airplane Carbon Brake Disc
- 10.4 Industry Chain Structure of Airplane Carbon Brake Disc

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Airplane Carbon Brake Disc Distributors
- 11.3 Airplane Carbon Brake Disc Customer

12 WORLD FORECAST REVIEW FOR AIRPLANE CARBON BRAKE DISC BY



GEOGRAPHIC REGION

- 12.1 Global Airplane Carbon Brake Disc Market Size Forecast by Region
 - 12.1.1 Global Airplane Carbon Brake Disc Forecast by Region (2025-2030)
- 12.1.2 Global Airplane Carbon Brake Disc Annual Revenue Forecast by Region (2025-2030)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Airplane Carbon Brake Disc Forecast by Type
- 12.7 Global Airplane Carbon Brake Disc Forecast by Application

13 KEY PLAYERS ANALYSIS

- 13.1 Messier-Bugatti (FR)
 - 13.1.1 Messier-Bugatti (FR) Company Information
- 13.1.2 Messier-Bugatti (FR) Airplane Carbon Brake Disc Product Portfolios and Specifications
- 13.1.3 Messier-Bugatti (FR) Airplane Carbon Brake Disc Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.1.4 Messier-Bugatti (FR) Main Business Overview
 - 13.1.5 Messier-Bugatti (FR) Latest Developments
- 13.2 UTC Aerospace Systems (USA)
 - 13.2.1 UTC Aerospace Systems (USA) Company Information
- 13.2.2 UTC Aerospace Systems (USA) Airplane Carbon Brake Disc Product Portfolios and Specifications
- 13.2.3 UTC Aerospace Systems (USA) Airplane Carbon Brake Disc Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.2.4 UTC Aerospace Systems (USA) Main Business Overview
 - 13.2.5 UTC Aerospace Systems (USA) Latest Developments
- 13.3 Meggitt Airplane Braking Systems (UK)
 - 13.3.1 Meggitt Airplane Braking Systems (UK) Company Information
- 13.3.2 Meggitt Airplane Braking Systems (UK) Airplane Carbon Brake Disc Product Portfolios and Specifications
- 13.3.3 Meggitt Airplane Braking Systems (UK) Airplane Carbon Brake Disc Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.3.4 Meggitt Airplane Braking Systems (UK) Main Business Overview
- 13.3.5 Meggitt Airplane Braking Systems (UK) Latest Developments



- 13.4 Honeywell (USA)
 - 13.4.1 Honeywell (USA) Company Information
- 13.4.2 Honeywell (USA) Airplane Carbon Brake Disc Product Portfolios and Specifications
- 13.4.3 Honeywell (USA) Airplane Carbon Brake Disc Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.4.4 Honeywell (USA) Main Business Overview
 - 13.4.5 Honeywell (USA) Latest Developments
- 13.5 Xi'an Aviation Brake Technology (CN)
 - 13.5.1 Xi'an Aviation Brake Technology (CN) Company Information
- 13.5.2 Xi'an Aviation Brake Technology (CN) Airplane Carbon Brake Disc Product Portfolios and Specifications
- 13.5.3 Xi'an Aviation Brake Technology (CN) Airplane Carbon Brake Disc Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.5.4 Xi'an Aviation Brake Technology (CN) Main Business Overview
 - 13.5.5 Xi'an Aviation Brake Technology (CN) Latest Developments
- 13.6 Xi'an Chaoma Technology (CN)
 - 13.6.1 Xi'an Chaoma Technology (CN) Company Information
- 13.6.2 Xi'an Chaoma Technology (CN) Airplane Carbon Brake Disc Product Portfolios and Specifications
- 13.6.3 Xi'an Chaoma Technology (CN) Airplane Carbon Brake Disc Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.6.4 Xi'an Chaoma Technology (CN) Main Business Overview
 - 13.6.5 Xi'an Chaoma Technology (CN) Latest Developments
- 13.7 Hunan Boyun New Materials (CN)
 - 13.7.1 Hunan Boyun New Materials (CN) Company Information
- 13.7.2 Hunan Boyun New Materials (CN) Airplane Carbon Brake Disc Product Portfolios and Specifications
- 13.7.3 Hunan Boyun New Materials (CN) Airplane Carbon Brake Disc Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.7.4 Hunan Boyun New Materials (CN) Main Business Overview
 - 13.7.5 Hunan Boyun New Materials (CN) Latest Developments
- 13.8 Beijing Baimtec Material (CN)
- 13.8.1 Beijing Baimtec Material (CN) Company Information
- 13.8.2 Beijing Baimtec Material (CN) Airplane Carbon Brake Disc Product Portfolios and Specifications
- 13.8.3 Beijing Baimtec Material (CN) Airplane Carbon Brake Disc Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.8.4 Beijing Baimtec Material (CN) Main Business Overview



- 13.8.5 Beijing Baimtec Material (CN) Latest Developments
- 13.9 Lantai Aviation Equipment (CN)
 - 13.9.1 Lantai Aviation Equipment (CN) Company Information
- 13.9.2 Lantai Aviation Equipment (CN) Airplane Carbon Brake Disc Product Portfolios and Specifications
- 13.9.3 Lantai Aviation Equipment (CN) Airplane Carbon Brake Disc Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.9.4 Lantai Aviation Equipment (CN) Main Business Overview
 - 13.9.5 Lantai Aviation Equipment (CN) Latest Developments
- 13.10 Luhang Carbon Materials (CN)
 - 13.10.1 Luhang Carbon Materials (CN) Company Information
- 13.10.2 Luhang Carbon Materials (CN) Airplane Carbon Brake Disc Product Portfolios and Specifications
- 13.10.3 Luhang Carbon Materials (CN) Airplane Carbon Brake Disc Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.10.4 Luhang Carbon Materials (CN) Main Business Overview
 - 13.10.5 Luhang Carbon Materials (CN) Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION



List Of Tables

LIST OF TABLES

- Table 1. Airplane Carbon Brake Disc Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Table 2. Airplane Carbon Brake Disc Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)
- Table 3. Major Players of CVD
- Table 4. Major Players of Short Fiber Impregnated Carbonization
- Table 5. Global Airplane Carbon Brake Disc Sales by Type (2019-2024) & (K Units)
- Table 6. Global Airplane Carbon Brake Disc Sales Market Share by Type (2019-2024)
- Table 7. Global Airplane Carbon Brake Disc Revenue by Type (2019-2024) & (\$ million)
- Table 8. Global Airplane Carbon Brake Disc Revenue Market Share by Type (2019-2024)
- Table 9. Global Airplane Carbon Brake Disc Sale Price by Type (2019-2024) & (USD/Unit)
- Table 10. Global Airplane Carbon Brake Disc Sales by Application (2019-2024) & (K Units)
- Table 11. Global Airplane Carbon Brake Disc Sales Market Share by Application (2019-2024)
- Table 12. Global Airplane Carbon Brake Disc Revenue by Application (2019-2024)
- Table 13. Global Airplane Carbon Brake Disc Revenue Market Share by Application (2019-2024)
- Table 14. Global Airplane Carbon Brake Disc Sale Price by Application (2019-2024) & (USD/Unit)
- Table 15. Global Airplane Carbon Brake Disc Sales by Company (2019-2024) & (K Units)
- Table 16. Global Airplane Carbon Brake Disc Sales Market Share by Company (2019-2024)
- Table 17. Global Airplane Carbon Brake Disc Revenue by Company (2019-2024) (\$ Millions)
- Table 18. Global Airplane Carbon Brake Disc Revenue Market Share by Company (2019-2024)
- Table 19. Global Airplane Carbon Brake Disc Sale Price by Company (2019-2024) & (USD/Unit)
- Table 20. Key Manufacturers Airplane Carbon Brake Disc Producing Area Distribution and Sales Area
- Table 21. Players Airplane Carbon Brake Disc Products Offered



- Table 22. Airplane Carbon Brake Disc Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)
- Table 23. New Products and Potential Entrants
- Table 24. Mergers & Acquisitions, Expansion
- Table 25. Global Airplane Carbon Brake Disc Sales by Geographic Region (2019-2024) & (K Units)
- Table 26. Global Airplane Carbon Brake Disc Sales Market Share Geographic Region (2019-2024)
- Table 27. Global Airplane Carbon Brake Disc Revenue by Geographic Region (2019-2024) & (\$ millions)
- Table 28. Global Airplane Carbon Brake Disc Revenue Market Share by Geographic Region (2019-2024)
- Table 29. Global Airplane Carbon Brake Disc Sales by Country/Region (2019-2024) & (K Units)
- Table 30. Global Airplane Carbon Brake Disc Sales Market Share by Country/Region (2019-2024)
- Table 31. Global Airplane Carbon Brake Disc Revenue by Country/Region (2019-2024) & (\$ millions)
- Table 32. Global Airplane Carbon Brake Disc Revenue Market Share by Country/Region (2019-2024)
- Table 33. Americas Airplane Carbon Brake Disc Sales by Country (2019-2024) & (K Units)
- Table 34. Americas Airplane Carbon Brake Disc Sales Market Share by Country (2019-2024)
- Table 35. Americas Airplane Carbon Brake Disc Revenue by Country (2019-2024) & (\$ Millions)
- Table 36. Americas Airplane Carbon Brake Disc Revenue Market Share by Country (2019-2024)
- Table 37. Americas Airplane Carbon Brake Disc Sales by Type (2019-2024) & (K Units)
- Table 38. Americas Airplane Carbon Brake Disc Sales by Application (2019-2024) & (K Units)
- Table 39. APAC Airplane Carbon Brake Disc Sales by Region (2019-2024) & (K Units)
- Table 40. APAC Airplane Carbon Brake Disc Sales Market Share by Region (2019-2024)
- Table 41. APAC Airplane Carbon Brake Disc Revenue by Region (2019-2024) & (\$ Millions)
- Table 42. APAC Airplane Carbon Brake Disc Revenue Market Share by Region (2019-2024)
- Table 43. APAC Airplane Carbon Brake Disc Sales by Type (2019-2024) & (K Units)



Table 44. APAC Airplane Carbon Brake Disc Sales by Application (2019-2024) & (K Units)

Table 45. Europe Airplane Carbon Brake Disc Sales by Country (2019-2024) & (K Units)

Table 46. Europe Airplane Carbon Brake Disc Sales Market Share by Country (2019-2024)

Table 47. Europe Airplane Carbon Brake Disc Revenue by Country (2019-2024) & (\$ Millions)

Table 48. Europe Airplane Carbon Brake Disc Revenue Market Share by Country (2019-2024)

Table 49. Europe Airplane Carbon Brake Disc Sales by Type (2019-2024) & (K Units)

Table 50. Europe Airplane Carbon Brake Disc Sales by Application (2019-2024) & (K Units)

Table 51. Middle East & Africa Airplane Carbon Brake Disc Sales by Country (2019-2024) & (K Units)

Table 52. Middle East & Africa Airplane Carbon Brake Disc Sales Market Share by Country (2019-2024)

Table 53. Middle East & Africa Airplane Carbon Brake Disc Revenue by Country (2019-2024) & (\$ Millions)

Table 54. Middle East & Africa Airplane Carbon Brake Disc Revenue Market Share by Country (2019-2024)

Table 55. Middle East & Africa Airplane Carbon Brake Disc Sales by Type (2019-2024) & (K Units)

Table 56. Middle East & Africa Airplane Carbon Brake Disc Sales by Application (2019-2024) & (K Units)

Table 57. Key Market Drivers & Growth Opportunities of Airplane Carbon Brake Disc

Table 58. Key Market Challenges & Risks of Airplane Carbon Brake Disc

Table 59. Key Industry Trends of Airplane Carbon Brake Disc

Table 60. Airplane Carbon Brake Disc Raw Material

Table 61. Key Suppliers of Raw Materials

Table 62. Airplane Carbon Brake Disc Distributors List

Table 63. Airplane Carbon Brake Disc Customer List

Table 64. Global Airplane Carbon Brake Disc Sales Forecast by Region (2025-2030) & (K Units)

Table 65. Global Airplane Carbon Brake Disc Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 66. Americas Airplane Carbon Brake Disc Sales Forecast by Country (2025-2030) & (K Units)

Table 67. Americas Airplane Carbon Brake Disc Revenue Forecast by Country



(2025-2030) & (\$ millions)

Table 68. APAC Airplane Carbon Brake Disc Sales Forecast by Region (2025-2030) & (K Units)

Table 69. APAC Airplane Carbon Brake Disc Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 70. Europe Airplane Carbon Brake Disc Sales Forecast by Country (2025-2030) & (K Units)

Table 71. Europe Airplane Carbon Brake Disc Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 72. Middle East & Africa Airplane Carbon Brake Disc Sales Forecast by Country (2025-2030) & (K Units)

Table 73. Middle East & Africa Airplane Carbon Brake Disc Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 74. Global Airplane Carbon Brake Disc Sales Forecast by Type (2025-2030) & (K Units)

Table 75. Global Airplane Carbon Brake Disc Revenue Forecast by Type (2025-2030) & (\$ Millions)

Table 76. Global Airplane Carbon Brake Disc Sales Forecast by Application (2025-2030) & (K Units)

Table 77. Global Airplane Carbon Brake Disc Revenue Forecast by Application (2025-2030) & (\$ Millions)

Table 78. Messier-Bugatti (FR) Basic Information, Airplane Carbon Brake Disc Manufacturing Base, Sales Area and Its Competitors

Table 79. Messier-Bugatti (FR) Airplane Carbon Brake Disc Product Portfolios and Specifications

Table 80. Messier-Bugatti (FR) Airplane Carbon Brake Disc Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 81. Messier-Bugatti (FR) Main Business

Table 82. Messier-Bugatti (FR) Latest Developments

Table 83. UTC Aerospace Systems (USA) Basic Information, Airplane Carbon Brake Disc Manufacturing Base, Sales Area and Its Competitors

Table 84. UTC Aerospace Systems (USA) Airplane Carbon Brake Disc Product Portfolios and Specifications

Table 85. UTC Aerospace Systems (USA) Airplane Carbon Brake Disc Sales (K Units),

Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 86. UTC Aerospace Systems (USA) Main Business

Table 87. UTC Aerospace Systems (USA) Latest Developments

Table 88. Meggitt Airplane Braking Systems (UK) Basic Information, Airplane Carbon

Brake Disc Manufacturing Base, Sales Area and Its Competitors



Table 89. Meggitt Airplane Braking Systems (UK) Airplane Carbon Brake Disc Product Portfolios and Specifications

Table 90. Meggitt Airplane Braking Systems (UK) Airplane Carbon Brake Disc Sales (K

Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 91. Meggitt Airplane Braking Systems (UK) Main Business

Table 92. Meggitt Airplane Braking Systems (UK) Latest Developments

Table 93. Honeywell (USA) Basic Information, Airplane Carbon Brake Disc

Manufacturing Base, Sales Area and Its Competitors

Table 94. Honeywell (USA) Airplane Carbon Brake Disc Product Portfolios and Specifications

Table 95. Honeywell (USA) Airplane Carbon Brake Disc Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 96. Honeywell (USA) Main Business

Table 97. Honeywell (USA) Latest Developments

Table 98. Xi'an Aviation Brake Technology (CN) Basic Information, Airplane Carbon

Brake Disc Manufacturing Base, Sales Area and Its Competitors

Table 99. Xi'an Aviation Brake Technology (CN) Airplane Carbon Brake Disc Product Portfolios and Specifications

Table 100. Xi'an Aviation Brake Technology (CN) Airplane Carbon Brake Disc Sales (K

Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 101. Xi'an Aviation Brake Technology (CN) Main Business

Table 102. Xi'an Aviation Brake Technology (CN) Latest Developments

Table 103. Xi'an Chaoma Technology (CN) Basic Information, Airplane Carbon Brake Disc Manufacturing Base, Sales Area and Its Competitors

Table 104. Xi'an Chaoma Technology (CN) Airplane Carbon Brake Disc Product Portfolios and Specifications

Table 105. Xi'an Chaoma Technology (CN) Airplane Carbon Brake Disc Sales (K

Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 106. Xi'an Chaoma Technology (CN) Main Business

Table 107. Xi'an Chaoma Technology (CN) Latest Developments

Table 108. Hunan Boyun New Materials (CN) Basic Information, Airplane Carbon Brake Disc Manufacturing Base, Sales Area and Its Competitors

Table 109. Hunan Boyun New Materials (CN) Airplane Carbon Brake Disc Product Portfolios and Specifications

Table 110. Hunan Boyun New Materials (CN) Airplane Carbon Brake Disc Sales (K

Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 111. Hunan Boyun New Materials (CN) Main Business

Table 112. Hunan Boyun New Materials (CN) Latest Developments

Table 113. Beijing Baimtec Material (CN) Basic Information, Airplane Carbon Brake



Disc Manufacturing Base, Sales Area and Its Competitors

Table 114. Beijing Baimtec Material (CN) Airplane Carbon Brake Disc Product Portfolios and Specifications

Table 115. Beijing Baimtec Material (CN) Airplane Carbon Brake Disc Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 116. Beijing Baimtec Material (CN) Main Business

Table 117. Beijing Baimtec Material (CN) Latest Developments

Table 118. Lantai Aviation Equipment (CN) Basic Information, Airplane Carbon Brake Disc Manufacturing Base, Sales Area and Its Competitors

Table 119. Lantai Aviation Equipment (CN) Airplane Carbon Brake Disc Product Portfolios and Specifications

Table 120. Lantai Aviation Equipment (CN) Airplane Carbon Brake Disc Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 121. Lantai Aviation Equipment (CN) Main Business

Table 122. Lantai Aviation Equipment (CN) Latest Developments

Table 123. Luhang Carbon Materials (CN) Basic Information, Airplane Carbon Brake Disc Manufacturing Base, Sales Area and Its Competitors

Table 124. Luhang Carbon Materials (CN) Airplane Carbon Brake Disc Product Portfolios and Specifications

Table 125. Luhang Carbon Materials (CN) Airplane Carbon Brake Disc Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 126. Luhang Carbon Materials (CN) Main Business

Table 127. Luhang Carbon Materials (CN) Latest Developments



List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Airplane Carbon Brake Disc
- Figure 2. Airplane Carbon Brake Disc Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Airplane Carbon Brake Disc Sales Growth Rate 2019-2030 (K Units)
- Figure 7. Global Airplane Carbon Brake Disc Revenue Growth Rate 2019-2030 (\$ Millions)
- Figure 8. Airplane Carbon Brake Disc Sales by Region (2019, 2023 & 2030) & (\$ Millions)
- Figure 9. Product Picture of CVD
- Figure 10. Product Picture of Short Fiber Impregnated Carbonization
- Figure 11. Global Airplane Carbon Brake Disc Sales Market Share by Type in 2023
- Figure 12. Global Airplane Carbon Brake Disc Revenue Market Share by Type (2019-2024)
- Figure 13. Airplane Carbon Brake Disc Consumed in Civil Aviation
- Figure 14. Global Airplane Carbon Brake Disc Market: Civil Aviation (2019-2024) & (K Units)
- Figure 15. Airplane Carbon Brake Disc Consumed in Military Aircraft
- Figure 16. Global Airplane Carbon Brake Disc Market: Military Aircraft (2019-2024) & (K Units)
- Figure 17. Global Airplane Carbon Brake Disc Sales Market Share by Application (2023)
- Figure 18. Global Airplane Carbon Brake Disc Revenue Market Share by Application in 2023
- Figure 19. Airplane Carbon Brake Disc Sales Market by Company in 2023 (K Units)
- Figure 20. Global Airplane Carbon Brake Disc Sales Market Share by Company in 2023
- Figure 21. Airplane Carbon Brake Disc Revenue Market by Company in 2023 (\$ Million)
- Figure 22. Global Airplane Carbon Brake Disc Revenue Market Share by Company in 2023
- Figure 23. Global Airplane Carbon Brake Disc Sales Market Share by Geographic Region (2019-2024)
- Figure 24. Global Airplane Carbon Brake Disc Revenue Market Share by Geographic Region in 2023
- Figure 25. Americas Airplane Carbon Brake Disc Sales 2019-2024 (K Units)



- Figure 26. Americas Airplane Carbon Brake Disc Revenue 2019-2024 (\$ Millions)
- Figure 27. APAC Airplane Carbon Brake Disc Sales 2019-2024 (K Units)
- Figure 28. APAC Airplane Carbon Brake Disc Revenue 2019-2024 (\$ Millions)
- Figure 29. Europe Airplane Carbon Brake Disc Sales 2019-2024 (K Units)
- Figure 30. Europe Airplane Carbon Brake Disc Revenue 2019-2024 (\$ Millions)
- Figure 31. Middle East & Africa Airplane Carbon Brake Disc Sales 2019-2024 (K Units)
- Figure 32. Middle East & Africa Airplane Carbon Brake Disc Revenue 2019-2024 (\$ Millions)
- Figure 33. Americas Airplane Carbon Brake Disc Sales Market Share by Country in 2023
- Figure 34. Americas Airplane Carbon Brake Disc Revenue Market Share by Country in 2023
- Figure 35. Americas Airplane Carbon Brake Disc Sales Market Share by Type (2019-2024)
- Figure 36. Americas Airplane Carbon Brake Disc Sales Market Share by Application (2019-2024)
- Figure 37. United States Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 38. Canada Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 39. Mexico Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 40. Brazil Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 41. APAC Airplane Carbon Brake Disc Sales Market Share by Region in 2023
- Figure 42. APAC Airplane Carbon Brake Disc Revenue Market Share by Regions in 2023
- Figure 43. APAC Airplane Carbon Brake Disc Sales Market Share by Type (2019-2024)
- Figure 44. APAC Airplane Carbon Brake Disc Sales Market Share by Application (2019-2024)
- Figure 45. China Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 46. Japan Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 47. South Korea Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 48. Southeast Asia Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 49. India Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 50. Australia Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 51. China Taiwan Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 52. Europe Airplane Carbon Brake Disc Sales Market Share by Country in 2023



- Figure 53. Europe Airplane Carbon Brake Disc Revenue Market Share by Country in 2023
- Figure 54. Europe Airplane Carbon Brake Disc Sales Market Share by Type (2019-2024)
- Figure 55. Europe Airplane Carbon Brake Disc Sales Market Share by Application (2019-2024)
- Figure 56. Germany Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 57. France Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 58. UK Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 59. Italy Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 60. Russia Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 61. Middle East & Africa Airplane Carbon Brake Disc Sales Market Share by Country in 2023
- Figure 62. Middle East & Africa Airplane Carbon Brake Disc Revenue Market Share by Country in 2023
- Figure 63. Middle East & Africa Airplane Carbon Brake Disc Sales Market Share by Type (2019-2024)
- Figure 64. Middle East & Africa Airplane Carbon Brake Disc Sales Market Share by Application (2019-2024)
- Figure 65. Egypt Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 66. South Africa Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 67. Israel Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 68. Turkey Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 69. GCC Country Airplane Carbon Brake Disc Revenue Growth 2019-2024 (\$ Millions)
- Figure 70. Manufacturing Cost Structure Analysis of Airplane Carbon Brake Disc in 2023
- Figure 71. Manufacturing Process Analysis of Airplane Carbon Brake Disc
- Figure 72. Industry Chain Structure of Airplane Carbon Brake Disc
- Figure 73. Channels of Distribution
- Figure 74. Global Airplane Carbon Brake Disc Sales Market Forecast by Region (2025-2030)
- Figure 75. Global Airplane Carbon Brake Disc Revenue Market Share Forecast by Region (2025-2030)
- Figure 76. Global Airplane Carbon Brake Disc Sales Market Share Forecast by Type (2025-2030)
- Figure 77. Global Airplane Carbon Brake Disc Revenue Market Share Forecast by Type



(2025-2030)

Figure 78. Global Airplane Carbon Brake Disc Sales Market Share Forecast by Application (2025-2030)

Figure 79. Global Airplane Carbon Brake Disc Revenue Market Share Forecast by Application (2025-2030)



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