

# Global Airplane Carbon Brake Disc Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

<https://marketpublishers.com/r/G90E99BCDF4BEN.html>

Date: April 2024

Pages: 128

Price: US\$ 3,950.00 (Single User License)

ID: G90E99BCDF4BEN

## Abstracts

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.

According to APO Research, The global Airplane Carbon Brake Disc market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

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.

In terms of production side, this report researches the Airplane Carbon Brake Disc production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of Airplane Carbon Brake Disc by region (region level and country level), by company, by type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for Airplane Carbon Brake Disc, capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Airplane Carbon Brake Disc, also provides the consumption of main regions and countries. Of the upcoming market potential for Airplane Carbon Brake Disc, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Airplane Carbon Brake Disc sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Airplane Carbon Brake Disc market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by type and by application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Airplane Carbon Brake Disc sales, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including 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) and Lantai Aviation Equipment (CN), etc.

#### Airplane Carbon Brake Disc segment by Company

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)

#### Airplane Carbon Brake Disc segment by Type

CVD

Short Fiber Impregnated Carbonization

#### Airplane Carbon Brake Disc segment by Application

Civil Aviation

Military Aircraft

## Airplane Carbon Brake Disc segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

### Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

### Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries

and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Airplane Carbon Brake Disc market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

2. This report will help stakeholders to understand the global industry status and trends of Airplane Carbon Brake Disc and provides them with information on key market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market.

5. This report helps stakeholders to gain insights into which regions to target globally.

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Airplane Carbon Brake Disc.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Provides an overview of the Airplane Carbon Brake Disc market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Airplane Carbon Brake Disc industry.

Chapter 3: Detailed analysis of Airplane Carbon Brake Disc market competition landscape. Including Airplane Carbon Brake Disc manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as

origin, product type, application, merger and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 7: Production/Production Value of Airplane Carbon Brake Disc by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8: Consumption of Airplane Carbon Brake Disc in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

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