

# **Global Automotive Brake System Market Size study & Forecast, by Brake Type (Disc Brake, Drum Brake), by Vehicle Type (Passenger Cars, Light Commercial Vehicles, Heavy Commercial Vehicles), by Technology (Anti-Lock Braking System, Electronic Stability Control, Traction Control System, Electronic Brake-Force Distribution) and Regional Analysis, 2023-2030**

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## **Abstracts**

Global Automotive Brake System Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% during the forecast period 2023-2030. The automotive brake system is a crucial component in vehicles designed to slow down or stop the vehicle safely. The primary purpose of a brake system is to convert kinetic energy (motion) into heat energy, dissipating it through friction to bring the vehicle to a controlled stop. There are several types of brake systems, still the two most common are disc brakes and drum brakes. Moreover, the growing vehicle production, rising demand for safety features in automobiles, and stringent government mandates for vehicle safety are anticipated to create a lucrative demand for the market during the forecast period 2023-2030.

Additionally, the growth of vehicle production has a direct and significant impact on the Automotive Brake System Market. As vehicle production increases, there is a proportional demand for essential components, including brake systems. Brakes are fundamental safety components in vehicles, and as more vehicles are manufactured, the demand for reliable and efficient brake systems grows. According to the International Organization of Motor Vehicle Manufacturers, in 2020, the number of vehicles produced globally was 77.6 million and the number reached 80.1 million in 2021. As a result, the rising demand for automotive vehicles globally is anticipated to

support the market growth. Moreover, the development of advanced braking systems and the growing popularity of Electric Vehicles (EVs) and hybrid vehicles are anticipated to create lucrative opportunities for the market. However, the high installation and maintenance cost stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Automotive Brake System Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the growing automotive industry, stringent safety regulations, increasing awareness among consumers about the importance of safety features, and growing investments in research and development by automotive brake system manufacturers. Whereas, the Asia Pacific is expected to grow with the fastest growth rate over the forecast period, owing to factors such as increasing vehicle production, growing emphasis on vehicle safety standards, and rapid urbanization and infrastructure development.

Major market player included in this report are:

Aisin Seiki Co., Ltd.

Robert Bosch GmbH

Nissin Kogyo Co., Ltd.

Continental AG

Wabco Holdings, Inc

Zf Friedrichshafen AG

Delphi Technologies

Autoliv Inc.

Hyundai Mobis Co., Ltd

Denso Corporation

Recent Developments in the Market:

In November 2022, In the third quarter, Continental AG secured a significant contract for the series production of its semi-dry brake system, also known as the Future Brake System. The contract, valued at approximately EUR 1.5 billion (USD 1.56 billion), was awarded by a leading North American car manufacturer on a global scale. Production of the system is slated to begin in 2025.

#### Global Automotive Brake System Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Brake Type, Vehicle Type, Technology, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential 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 Brake Type:

Disc Brake

Drum Brake

By Vehicle Type:

Passenger Cars

Light Commercial Vehicles

Heavy Commercial Vehicles

By Technology:

Anti-Lock Braking System (ABS)

Electronic Stability Control (ESC)

Traction Control System (TCS)

Electronic Brake-Force Distribution (EBD)

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
  - 1.2.1. Automotive Brake System Market, by Region, 2020-2030 (USD Billion)
  - 1.2.2. Automotive Brake System Market, by Brake Type, 2020-2030 (USD Billion)
  - 1.2.3. Automotive Brake System Market, by Vehicle Type, 2020-2030 (USD Billion)
  - 1.2.4. Automotive Brake System Market, by Technology, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL AUTOMOTIVE BRAKE SYSTEM MARKET DEFINITION AND SCOPE

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

### CHAPTER 3. GLOBAL AUTOMOTIVE BRAKE SYSTEM MARKET DYNAMICS

- 3.1. Automotive Brake System Market Impact Analysis (2020-2030)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Growing vehicle production
    - 3.1.1.2. Rising demand for safety features in automobiles
    - 3.1.1.3. Stringent government mandates for vehicle safety
  - 3.1.2. Market Challenges
    - 3.1.2.1. High installation and maintenance cost
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Development of advanced braking systems
    - 3.1.3.2. Growing popularity of electric vehicles (EVs) and hybrid vehicles

### CHAPTER 4. GLOBAL AUTOMOTIVE BRAKE SYSTEM 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
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
  - 4.3.5. Environmental
  - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL AUTOMOTIVE BRAKE SYSTEM MARKET, BY BRAKE TYPE**

- 5.1. Market Snapshot
- 5.2. Global Automotive Brake System Market by Brake Type, Performance - Potential Analysis
- 5.3. Global Automotive Brake System Market Estimates & Forecasts by Brake Type 2020-2030 (USD Billion)
- 5.4. Automotive Brake System Market, Sub Segment Analysis
  - 5.4.1. Disc Brake
  - 5.4.2. Drum Brake

## **CHAPTER 6. GLOBAL AUTOMOTIVE BRAKE SYSTEM MARKET, BY VEHICLE TYPE**

- 6.1. Market Snapshot
- 6.2. Global Automotive Brake System Market by Vehicle Type, Performance - Potential Analysis

6.3. Global Automotive Brake System Market Estimates & Forecasts by Vehicle Type  
2020-2030 (USD Billion)

6.4. Automotive Brake System Market, Sub Segment Analysis

6.4.1. Passenger Cars

6.4.2. Light Commercial Vehicles

6.4.3. Heavy Commercial Vehicles

## **CHAPTER 7. GLOBAL AUTOMOTIVE BRAKE SYSTEM MARKET, BY TECHNOLOGY**

7.1. Market Snapshot

7.2. Global Automotive Brake System Market by Technology, Performance - Potential Analysis

7.3. Global Automotive Brake System Market Estimates & Forecasts by Technology  
2020-2030 (USD Billion)

7.4. Automotive Brake System Market, Sub Segment Analysis

7.4.1. Anti-Lock Braking System (ABS)

7.4.2. Electronic Stability Control (ESC)

7.4.3. Traction Control System (TCS)

7.4.4. Electronic Brake-Force Distribution (EBD)

## **CHAPTER 8. GLOBAL AUTOMOTIVE BRAKE SYSTEM MARKET, REGIONAL ANALYSIS**

8.1. Top Leading Countries

8.2. Top Emerging Countries

8.3. Automotive Brake System Market, Regional Market Snapshot

8.4. North America Automotive Brake System Market

8.4.1. U.S. Automotive Brake System Market

8.4.1.1. Brake Type breakdown estimates & forecasts, 2020-2030

8.4.1.2. Vehicle Type breakdown estimates & forecasts, 2020-2030

8.4.1.3. Technology breakdown estimates & forecasts, 2020-2030

8.4.2. Canada Automotive Brake System Market

8.5. Europe Automotive Brake System Market Snapshot

8.5.1. U.K. Automotive Brake System Market

8.5.2. Germany Automotive Brake System Market

8.5.3. France Automotive Brake System Market

8.5.4. Spain Automotive Brake System Market

8.5.5. Italy Automotive Brake System Market



- 8.5.6. Rest of Europe Automotive Brake System Market
- 8.6. Asia-Pacific Automotive Brake System Market Snapshot
  - 8.6.1. China Automotive Brake System Market
  - 8.6.2. India Automotive Brake System Market
  - 8.6.3. Japan Automotive Brake System Market
  - 8.6.4. Australia Automotive Brake System Market
  - 8.6.5. South Korea Automotive Brake System Market
  - 8.6.6. Rest of Asia Pacific Automotive Brake System Market
- 8.7. Latin America Automotive Brake System Market Snapshot
  - 8.7.1. Brazil Automotive Brake System Market
  - 8.7.2. Mexico Automotive Brake System Market
- 8.8. Middle East & Africa Automotive Brake System Market
  - 8.8.1. Saudi Arabia Automotive Brake System Market
  - 8.8.2. South Africa Automotive Brake System Market
  - 8.8.3. Rest of Middle East & Africa Automotive Brake System Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Key Company SWOT Analysis
  - 9.1.1. Company
  - 9.1.2. Company
  - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
  - 9.3.1. Aisin Seiki Co., Ltd.
    - 9.3.1.1. Key Information
    - 9.3.1.2. Overview
    - 9.3.1.3. Financial (Subject to Data Availability)
    - 9.3.1.4. Product Summary
    - 9.3.1.5. Recent Developments
  - 9.3.2. Robert Bosch GmbH
  - 9.3.3. Nissin Kogyo Co., Ltd.
  - 9.3.4. Continental AG
  - 9.3.5. Wabco Holdings, Inc
  - 9.3.6. Zf Friedrichshafen AG
  - 9.3.7. Delphi Technologies
  - 9.3.8. Autoliv Inc.
  - 9.3.9. Hyundai Mobis Co., Ltd
  - 9.3.10. Denso Corporation

## **CHAPTER 10. RESEARCH PROCESS**

### 10.1. Research Process

#### 10.1.1. Data Mining

#### 10.1.2. Analysis

#### 10.1.3. Market Estimation

#### 10.1.4. Validation

#### 10.1.5. Publishing

### 10.2. Research Attributes

### 10.3. Research Assumption

## List Of Tables

### LIST OF TABLES

- TABLE 1. Global Automotive Brake System Market, report scope
- TABLE 2. Global Automotive Brake System Market estimates & forecasts by region 2020-2030 (USD Billion)
- TABLE 3. Global Automotive Brake System Market estimates & forecasts by Brake Type 2020-2030 (USD Billion)
- TABLE 4. Global Automotive Brake System Market estimates & forecasts by Vehicle Type 2020-2030 (USD Billion)
- TABLE 5. Global Automotive Brake System Market estimates & forecasts by Technology 2020-2030 (USD Billion)
- TABLE 6. Global Automotive Brake System Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 7. Global Automotive Brake System Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 8. Global Automotive Brake System Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 9. Global Automotive Brake System Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 10. Global Automotive Brake System Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 11. Global Automotive Brake System Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 12. Global Automotive Brake System Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 13. Global Automotive Brake System Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 14. Global Automotive Brake System Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 15. Global Automotive Brake System Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 16. U.S. Automotive Brake System Market estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 17. U.S. Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 18. U.S. Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 19. Canada Automotive Brake System Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 20. Canada Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. Canada Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 22. UK Automotive Brake System Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 23. UK Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. UK Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 25. Germany Automotive Brake System Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 26. Germany Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. Germany Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 28. France Automotive Brake System Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 29. France Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. France Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 31. Italy Automotive Brake System Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 32. Italy Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Italy Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 34. Spain Automotive Brake System Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 35. Spain Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. Spain Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 37. RoE Automotive Brake System Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 38. RoE Automotive Brake System Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 39. RoE Automotive Brake System Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 40. China Automotive Brake System Market estimates & forecasts, 2020-2030

(USD Billion)

TABLE 41. China Automotive Brake System Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 42. China Automotive Brake System Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 43. India Automotive Brake System Market estimates & forecasts, 2020-2030

(USD Billion)

TABLE 44. India Automotive Brake System Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 45. India Automotive Brake System Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 46. Japan Automotive Brake System Market estimates & forecasts, 2020-2030

(USD Billion)

TABLE 47. Japan Automotive Brake System Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 48. Japan Automotive Brake System Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 49. South Korea Automotive Brake System Market estimates & forecasts,

2020-2030 (USD Billion)

TABLE 50. South Korea Automotive Brake System Market estimates & forecasts by

segment 2020-2030 (USD Billion)

TABLE 51. South Korea Automotive Brake System Market estimates & forecasts by

segment 2020-2030 (USD Billion)

TABLE 52. Australia Automotive Brake System Market estimates & forecasts,

2020-2030 (USD Billion)

TABLE 53. Australia Automotive Brake System Market estimates & forecasts by

segment 2020-2030 (USD Billion)

TABLE 54. Australia Automotive Brake System Market estimates & forecasts by

segment 2020-2030 (USD Billion)

TABLE 55. RoAPAC Automotive Brake System Market estimates & forecasts,

2020-2030 (USD Billion)

TABLE 56. RoAPAC Automotive Brake System Market estimates & forecasts by

segment 2020-2030 (USD Billion)

TABLE 57. RoAPAC Automotive Brake System Market estimates & forecasts by

segment 2020-2030 (USD Billion)

TABLE 58. Brazil Automotive Brake System Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 59. Brazil Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Brazil Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. Mexico Automotive Brake System Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 62. Mexico Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. Mexico Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. RoLA Automotive Brake System Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 65. RoLA Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. RoLA Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. Saudi Arabia Automotive Brake System Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 68. South Africa Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. RoMEA Automotive Brake System Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 70. List of secondary sources, used in the study of global Automotive Brake System Market

TABLE 71. List of primary sources, used in the study of global Automotive Brake System Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Automotive Brake System Market, research methodology
  - FIG 2. Global Automotive Brake System Market, Market estimation techniques
  - FIG 3. Global Market size estimates & forecast methods
  - FIG 4. Global Automotive Brake System Market, key trends 2022
  - FIG 5. Global Automotive Brake System Market, growth prospects 2023-2030
  - FIG 6. Global Automotive Brake System Market, porters 5 force model
  - FIG 7. Global Automotive Brake System Market, pest analysis
  - FIG 8. Global Automotive Brake System Market, value chain analysis
  - FIG 9. Global Automotive Brake System Market by segment, 2020 & 2030 (USD Billion)
  - FIG 10. Global Automotive Brake System Market by segment, 2020 & 2030 (USD Billion)
  - FIG 11. Global Automotive Brake System Market by segment, 2020 & 2030 (USD Billion)
  - FIG 12. Global Automotive Brake System Market by segment, 2020 & 2030 (USD Billion)
  - FIG 13. Global Automotive Brake System Market by segment, 2020 & 2030 (USD Billion)
  - FIG 14. Global Automotive Brake System Market, regional snapshot 2020 & 2030
  - FIG 15. North America Automotive Brake System Market 2020 & 2030 (USD Billion)
  - FIG 16. Europe Automotive Brake System Market 2020 & 2030 (USD Billion)
  - FIG 17. Asia pacific Automotive Brake System Market 2020 & 2030 (USD Billion)
  - FIG 18. Latin America Automotive Brake System Market 2020 & 2030 (USD Billion)
  - FIG 19. Middle East & Africa Automotive Brake System Market 2020 & 2030 (USD Billion)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable



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