

Global Automotive Curtain Airbags Market to Reach USD 7.55 Billion by 2032

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Abstracts

The Global Automotive Curtain Airbags Market was valued at approximately USD 4.25 billion in 2023 and is projected to expand at a CAGR of 6.60% from 2024 to 2032. The market has witnessed significant growth, driven by the increasing focus on passenger safety, stringent regulatory norms, and the widespread adoption of advanced airbag technologies. Automotive curtain airbags, strategically placed to cover side windows during a collision, have proven instrumental in reducing fatal injuries and mitigating head trauma in high-impact accidents. With governments mandating the inclusion of side airbags in vehicles and automakers striving to enhance vehicle safety ratings, the demand for curtain airbags is gaining strong momentum across global markets.

One of the primary growth catalysts is the rising penetration of active and passive safety features across all vehicle categories. Originally a premium feature in high-end models, curtain airbags are now becoming standard in mid-range and economy vehicles, particularly in markets such as North America and Europe, where stringent crash safety standards have been established. Additionally, the advent of electric and autonomous vehicles is further bolstering demand, as manufacturers seek to incorporate enhanced safety measures in next-generation mobility solutions.

Despite its robust growth trajectory, the market faces hurdles such as high replacement costs, complex installation procedures, and challenges associated with counterfeit airbag components in aftermarket sales. Moreover, in developing economies, price-sensitive consumers often opt for vehicles without advanced airbag systems, thereby slowing down market penetration. However, rapid technological advancements, investments in smart airbag systems, and the rising focus on lightweight materials for improved efficiency are expected to create new growth avenues.

From a regional perspective, North America dominates the automotive curtain airbags market, owing to rigorous safety mandates, high consumer awareness, and the presence of leading automotive manufacturers. Europe follows closely, with a strong regulatory framework and high adoption rates among premium automakers. Meanwhile, Asia-Pacific is anticipated to witness the fastest growth, driven by expanding vehicle production in China and India, growing safety awareness, and increased adoption of crash-protection technologies in emerging economies. The Latin American and Middle Eastern markets are also gaining traction, supported by rising automobile sales and government-backed road safety initiatives.

Major Market Players Included in This Report:

Autoliv Inc.

ZF Friedrichshafen AG

Toyoda Gosei Co., Ltd.

Hyundai Mobis Co., Ltd.

Joyson Safety Systems

Ashimori Industry Co., Ltd.

Takata Corporation

Nihon Plast Co., Ltd.

Robert Bosch GmbH

Denso Corporation

Continental AG

Toray Industries, Inc.

Porcher Industries

Sumitomo Corporation

TRW Automotive Holdings Corp.

The Detailed Segments and Sub-Segments of the Market Are Explained Below:

By Type:

Side Curtain Airbags

Front Curtain Airbags

By Vehicle Type:

Passenger Cars

Commercial Vehicles

By End-Use:

OEMs

Aftermarket

By Region:

North America:

U.S.

Canada

Europe:

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America:

Brazil

Mexico

Rest of Latin America

Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years Considered for the Study:

Historical Year: 2022, 2023

Base Year: 2023

Forecast Period: 2024-2032

Key Takeaways:

Market Estimates & Forecasts for 10 years from 2022 to 2032.

Annualized revenue projections and regional-level analysis for each segment.

In-depth assessment of the geographical landscape, with country-specific insights.

Competitive landscape with details on major players, their strategies, and financials.

Industry analysis, including key business strategies and future market trends.

Demand-side and supply-side analysis to evaluate growth potential and challenges.

Contents

CHAPTER 1.GLOBAL AUTOMOTIVE CURTAIN AIRBAGS MARKET EXECUTIVE SUMMARY

- 1.1.Global Automotive Curtain Airbags Market Size & Forecast (2022-2032)
- 1.2.Regional Summary
- 1.3.Segmental Summary
 - 1.3.1.By Type
 - 1.3.2.By Vehicle Type
 - 1.3.3.By End-Use
- 1.4.Key Trends
- 1.5.Recession Impact
- 1.6.Analyst Recommendation & Conclusion

CHAPTER 2.GLOBAL AUTOMOTIVE CURTAIN AIRBAGS MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1.Research Objective
- 2.2.Market Definition
- 2.3.Research Assumptions
 - 2.3.1.Inclusion & Exclusion
 - 2.3.2.Limitations
 - 2.3.3.Supply Side Analysis
 - 2.3.3.1.Availability
 - 2.3.3.2.Infrastructure
 - 2.3.3.3.Regulatory Environment
 - 2.3.3.4.Market Competition
 - 2.3.3.5.Economic Viability (Consumer's Perspective)
 - 2.3.4.Demand Side Analysis
 - 2.3.4.1.Regulatory Frameworks
 - 2.3.4.2.Technological Advancements
 - 2.3.4.3.Environmental Considerations
 - 2.3.4.4.Consumer Awareness & Acceptance
- 2.4.Estimation Methodology
- 2.5.Years Considered for the Study
- 2.6.Currency Conversion Rates

CHAPTER 3.GLOBAL AUTOMOTIVE CURTAIN AIRBAGS MARKET DYNAMICS

Global Automotive Curtain Airbags Market to Reach USD 7.55 Billion by 2032

3.1. Market Drivers

- 3.1.1. Increasing Passenger Safety Requirements
- 3.1.2. Stringent Regulatory Mandates
- 3.1.3. Technological Advancements in Airbag Systems

3.2. Market Challenges

- 3.2.1. High Replacement Costs
- 3.2.2. Complex Installation and Maintenance Procedures
- 3.2.3. Challenges with Counterfeit Components

3.3. Market Opportunities

- 3.3.1. Expansion in Emerging Markets
- 3.3.2. Integration with Autonomous and Electric Vehicles
- 3.3.3. Innovation in Lightweight and Durable Materials

CHAPTER 4. GLOBAL AUTOMOTIVE CURTAIN AIRBAGS 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
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top Investment Opportunity

4.4. Top Winning Strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL AUTOMOTIVE CURTAIN AIRBAGS MARKET SIZE &

FORECASTS BY TYPE 2022-2032

5.1.Segment Dashboard

5.2.Global Automotive Curtain Airbags Market: Type Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

5.2.1.Side Curtain Airbags

5.2.2.Front Curtain Airbags

CHAPTER 6.GLOBAL AUTOMOTIVE CURTAIN AIRBAGS MARKET SIZE & FORECASTS BY VEHICLE TYPE 2022-2032

6.1.Segment Dashboard

6.2.Global Automotive Curtain Airbags Market: Vehicle Type Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

6.2.1.Passenger Cars

6.2.2.Commercial Vehicles

CHAPTER 7.GLOBAL AUTOMOTIVE CURTAIN AIRBAGS MARKET SIZE & FORECASTS BY END-USE 2022-2032

7.1.Segment Dashboard

7.2.Global Automotive Curtain Airbags Market: End-Use Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

7.2.1.OEMs

7.2.2.Aftermarket

CHAPTER 8.GLOBAL AUTOMOTIVE CURTAIN AIRBAGS MARKET SIZE & FORECASTS BY REGION 2022-2032

8.1.North America Automotive Curtain Airbags Market

8.1.1.U.S. Automotive Curtain Airbags Market

8.1.1.1.Type Breakdown Size & Forecasts, 2022-2032

8.1.1.2.Vehicle Type Breakdown Size & Forecasts, 2022-2032

8.1.1.3.End-Use Breakdown Size & Forecasts, 2022-2032

8.1.2.Canada Automotive Curtain Airbags Market

8.2.Europe Automotive Curtain Airbags Market

8.2.1.U.K. Automotive Curtain Airbags Market

8.2.2.Germany Automotive Curtain Airbags Market

8.2.3.France Automotive Curtain Airbags Market

- 8.2.4.Spain Automotive Curtain Airbags Market
- 8.2.5.Italy Automotive Curtain Airbags Market
- 8.2.6.Rest of Europe Automotive Curtain Airbags Market
- 8.3.Asia-Pacific Automotive Curtain Airbags Market
 - 8.3.1.China Automotive Curtain Airbags Market
 - 8.3.2.India Automotive Curtain Airbags Market
 - 8.3.3.Japan Automotive Curtain Airbags Market
 - 8.3.4.Australia Automotive Curtain Airbags Market
 - 8.3.5.South Korea Automotive Curtain Airbags Market
 - 8.3.6.Rest of Asia-Pacific Automotive Curtain Airbags Market
- 8.4.Latin America Automotive Curtain Airbags Market
 - 8.4.1.Brazil Automotive Curtain Airbags Market
 - 8.4.2.Mexico Automotive Curtain Airbags Market
 - 8.4.3.Rest of Latin America Automotive Curtain Airbags Market
- 8.5.Middle East & Africa Automotive Curtain Airbags Market
 - 8.5.1.Saudi Arabia Automotive Curtain Airbags Market
 - 8.5.2.South Africa Automotive Curtain Airbags Market
 - 8.5.3.Rest of Middle East & Africa Automotive Curtain Airbags Market

CHAPTER 9.COMPETITIVE INTELLIGENCE

- 9.1.Key Company SWOT Analysis
 - 9.1.1.Autoliv Inc.
 - 9.1.2.ZF Friedrichshafen AG
 - 9.1.3.Toyoda Gosei Co., Ltd.
- 9.2.Top Market Strategies
- 9.3.Company Profiles
 - 9.3.1.Autoliv Inc.
 - 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.Market Strategies
 - 9.3.2.Hyundai Mobis Co., Ltd.
 - 9.3.3.Joyson Safety Systems
 - 9.3.4.Ashimori Industry Co., Ltd.
 - 9.3.5.Takata Corporation
 - 9.3.6.Nihon Plast Co., Ltd.
 - 9.3.7.Robert Bosch GmbH

- 9.3.8.Denso Corporation
- 9.3.9.Continental AG
- 9.3.10.Toray Industries, Inc.
- 9.3.11.Porcher Industries
- 9.3.12.Sumitomo Corporation
- 9.3.13.TRW Automotive Holdings Corp.

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

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