

Autonomous Emergency Braking System Market Size, Trends, Analysis, and Outlook by Type (Low Speed System, Higher Speed System, Pedestrian System), Application (Forward Emergency Braking System, Multi-Directional Emergency Braking System, Reverse Emergency Braking System), Technology (LiDAR, RADAR, Camera), Component (Controllers, Sensors, Buzzers, Others), Vehicle (Passenger Vehicles, Commercial Vehicles), by Country, Segment, and Companies, 2024-2030

<https://marketpublishers.com/r/A5CCF850486CEN.html>

Date: April 2024

Pages: 197

Price: US\$ 3,980.00 (Single User License)

ID: A5CCF850486CEN

Abstracts

The global Friction Clutch market size is poised to register 4.42% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global Friction Clutch market by Type (Single Plate Clutch, Multi-plate Clutch, Cone Clutch, Centrifugal Clutch, Semi-centrifugal Clutch), Material (Steel, Fiberglass, Kevlar, Brass, Engineer Polymer, Ceramics, Metallic Compound), Application (Automobile, Motorcycle, Others), Distribution Channel (Online Channel, Offline Channel).

The Friction Clutch Market is poised for significant evolution through 2030, driven by the increasing adoption of automated manual transmissions (AMTs), dual-clutch transmissions (DCTs), and continuously variable transmissions (CVTs) in vehicles is driving demand for friction clutches with improved performance, durability, and shift quality to meet the demands of modern drivetrain systems. This trend is accompanied by advancements in clutch materials, design, and manufacturing processes, enabling the development of lightweight yet robust clutches capable of handling higher torque

loads and providing smoother engagement and disengagement. Secondly, the rise of electric and hybrid vehicles is reshaping clutch requirements to accommodate electrified powertrains, leading to the development of electromagnetic clutches and torque converters optimized for electric power delivery and regenerative braking functions. Further, the increasing focus on vehicle electrification and efficiency is driving the adoption of friction clutches with enhanced efficiency, reduced drag losses, and optimized thermal management to maximize energy transfer and minimize power losses in hybrid and electric drivetrains. In addition, regulatory mandates for vehicle emissions standards, fuel economy regulations, and safety requirements are driving the adoption of friction clutches with improved efficiency, reliability, and compliance with stringent regulatory requirements to drive innovation and shape the future of the friction clutch market toward more efficient, sustainable, and technologically advanced drivetrain solutions..

Friction Clutch Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Friction Clutch market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Friction Clutch survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Friction Clutch industry.

Key market trends defining the global Friction Clutch demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Friction Clutch Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Friction Clutch industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Friction Clutch companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Friction Clutch industry

Leading Friction Clutch companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Friction Clutch companies.

Friction Clutch Market Study- Strategic Analysis Review

The Friction Clutch market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis.

Explore potential market disruptions, technology advancements, and economic changes.

Friction Clutch Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Friction Clutch industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

Friction Clutch Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America Friction Clutch Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Friction Clutch market segments. Similarly, Strong end-user demand is encouraging Canadian Friction Clutch companies to invest

in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Friction Clutch market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Friction Clutch Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Friction Clutch industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Friction Clutch market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Friction Clutch Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Friction Clutch in Asia Pacific. In particular, China, India, and South East Asian Friction Clutch markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Friction Clutch Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Friction Clutch Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Friction Clutch market potential. Fueled by increasing consumption expenditure, growing population, and high demand across a few markets drives the demand for Friction Clutch.

Friction Clutch Market Company Profiles

The global Friction Clutch market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are ACDelco, Carlyle Johnson Machine Company Llc, Centerforce, EBC Brakes, Fidanza Performance Inc, Harrington Hoists Inc, KITO Corp, Mach III Clutch Inc, Raybestos Powertrain Llc, Rekluse Motor Sports Inc.

Recent Friction Clutch Market Developments

The global Friction Clutch market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Friction Clutch Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

Type

Single Plate Clutch

Multi-plate Clutch

-Wet Clutch

- Dry Clutch
- Cone Clutch
- External
- Internal
- Centrifugal Clutch
- Semi-centrifugal Clutch
- Material
- Steel
- Fiberglass
- Kevlar
- Brass
- Engineer Polymer
- Ceramics
- Metallic Compound
- Application
- Automobile
- Motorcycle
- Others
- Distribution Channel
- Online Channel
- Offline Channel

Geographical Segmentation:

- North America (3 markets)
- Europe (6 markets)
- Asia Pacific (6 markets)
- Latin America (3 markets)
- Middle East Africa (5 markets)

Companies

- ACDelco
- Carlyle Johnson Machine Company Llc
- Centerforce
- EBC Brakes
- Fidanza Performance Inc
- Harrington Hoists Inc
- KITO Corp
- Mach III Clutch Inc
- Raybestos Powertrain Llc

Rekluse Motor Sports Inc.

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

- 1.1 Autonomous Emergency Braking System Market Overview and Key Findings, 2024
- 1.2 Autonomous Emergency Braking System Market Size and Growth Outlook, 2021-2030
- 1.3 Autonomous Emergency Braking System Market Growth Opportunities to 2030
- 1.4 Key Autonomous Emergency Braking System Market Trends and Challenges
 - 1.4.1 Autonomous Emergency Braking System Market Drivers and Trends
 - 1.4.2 Autonomous Emergency Braking System Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Autonomous Emergency Braking System Companies

2. AUTONOMOUS EMERGENCY BRAKING SYSTEM MARKET SIZE OUTLOOK TO 2030

- 2.1 Autonomous Emergency Braking System Market Size Outlook, USD Million, 2021-2030
- 2.2 Autonomous Emergency Braking System Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

3. AUTONOMOUS EMERGENCY BRAKING SYSTEM MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
 - * Threat of New Entrants
 - * Threat of Substitutes
 - * Intensity of Competitive Rivalry
 - * Bargaining Power of Buyers
 - * Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

4. AUTONOMOUS EMERGENCY BRAKING SYSTEM MARKET SEGMENTATION ANALYSIS AND OUTLOOK

4.1 Market Segmentation and Scope

4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030

Type

Low Speed System

Higher Speed System

Pedestrian System

Application

Forward Emergency Braking System

Multi-Directional Emergency Braking System

Reverse Emergency Braking System

Technology

LiDAR

RADAR

Camera

Component

Controllers

Sensors

Buzzers

Others

Vehicle

Passenger Vehicles

Commercial Vehicles

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

5. REGION-WISE MARKET OUTLOOK TO 2030

5.1 Key Findings for Asia Pacific Autonomous Emergency Braking System Market, 2025

5.2 Asia Pacific Autonomous Emergency Braking System Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Autonomous Emergency Braking System Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Autonomous Emergency Braking System Market, 2025

5.5 Europe Autonomous Emergency Braking System Market Size Outlook by Type, 2021- 2030

5.6 Europe Autonomous Emergency Braking System Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Autonomous Emergency Braking System Market, 2025

5.8 North America Autonomous Emergency Braking System Market Size Outlook by Type, 2021- 2030

5.9 North America Autonomous Emergency Braking System Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Autonomous Emergency Braking System Market, 2025

5.11 South America Pacific Autonomous Emergency Braking System Market Size Outlook by Type, 2021- 2030

5.12 South America Autonomous Emergency Braking System Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Autonomous Emergency Braking System Market, 2025

5.14 Middle East Africa Autonomous Emergency Braking System Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Autonomous Emergency Braking System Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

6.1 US Autonomous Emergency Braking System Market Size Outlook and Revenue Growth Forecasts

6.2 US Autonomous Emergency Braking System Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Autonomous Emergency Braking System Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Autonomous Emergency Braking System Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany Autonomous Emergency Braking System Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France Autonomous Emergency Braking System Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK Autonomous Emergency Braking System Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain Autonomous Emergency Braking System Industry Drivers and Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy Autonomous Emergency Braking System Industry Drivers and Opportunities

- 6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
- 6.18 Rest of Europe Autonomous Emergency Braking System Industry Drivers and Opportunities
- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Autonomous Emergency Braking System Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Autonomous Emergency Braking System Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Autonomous Emergency Braking System Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Autonomous Emergency Braking System Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Autonomous Emergency Braking System Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Autonomous Emergency Braking System Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Autonomous Emergency Braking System Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Autonomous Emergency Braking System Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Autonomous Emergency Braking System Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Autonomous Emergency Braking System Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Autonomous Emergency Braking System Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Autonomous Emergency Braking System Industry Drivers and Opportunities

7. AUTONOMOUS EMERGENCY BRAKING SYSTEM MARKET OUTLOOK ACROSS SCENARIOS

7.1 Low Growth Case

7.2 Reference Growth Case

7.3 High Growth Case

8. AUTONOMOUS EMERGENCY BRAKING SYSTEM COMPANY PROFILES

8.1 Profiles of Leading Autonomous Emergency Braking System Companies in the Market

8.2 Business Descriptions, SWOT Analysis, and Growth Strategies

8.3 Financial Performance and Key Metrics

Aisin Seiki Co. Ltd

Analog Devices Inc

Autoliv Inc

Continental AG

Denso Corp

Hyundai Mobis Co. Ltd

Infineon Technologies AG

Knorr-Bremse AG

Mando Corp

Robert Bosch GmbH

Valeo S.A.

ZF Friedrichshafen AG

9. APPENDIX

9.1 Scope of the Report

9.2 Research Methodology and Data Sources

9.3 Glossary of Terms

9.4 Market Definitions

9.5 Contact Information

I would like to order

Product name: Autonomous Emergency Braking System Market Size, Trends, Analysis, and Outlook by Type (Low Speed System, Higher Speed System, Pedestrian System), Application (Forward Emergency Braking System, Multi-Directional Emergency Braking System, Reverse Emergency Braking System), Technology (LiDAR, RADAR, Camera), Component (Controllers, Sensors, Buzzers, Others), Vehicle (Passenger Vehicles, Commercial Vehicles), by Country, Segment, and Companies, 2024-2030

Product link: <https://marketpublishers.com/r/A5CCF850486CEN.html>

Price: US\$ 3,980.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A5CCF850486CEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms

& Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970