

Automotive Crash Test Dummies Market Size, Trends, Analysis, and Outlook by Product (Male dummy, Female dummy, Child dummy), Application (Passenger vehicle, Commercial vehicle), by Country, Segment, and Companies, 2024-2030

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Abstracts

The global Automotive Electronic Parking Brake market size is poised to register 10.8% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global Automotive Electronic Parking Brake market by Type (Electric-Hydraulic Caliper System, Full Electric Drive-By-wire Systems), Component (Caliper Integrated System, Brake Systems, Electronic Control Unit, Sensor, Actuators), Vehicle (Passenger Car, Light Commercial Vehicle, Heavy Commercial Vehicle), Sales Channel (OEM, Aftermarket).

The future of the Automotive Electronic Parking Brake Market until 2030 is poised for significant evolution, driven by several key trends and drivers. With the automotive industry's increasing emphasis on safety, convenience, and advanced driver-assistance systems (ADAS), there's a growing demand for electronic parking brake (EPB) systems that offer improved functionality, reliability, and integration with vehicle electronics. This demand is further fueled by regulatory mandates worldwide, pushing for the adoption of electronic braking technologies to enhance vehicle safety standards and reduce the risk of roll-away incidents. In addition, as vehicle designs evolve toward electric and autonomous architectures, there's a trend toward the integration of EPB systems that offer space-saving benefits, enhanced control, and compatibility with autonomous parking features. Further, advancements in sensor technology, actuation mechanisms, and software algorithms are anticipated to enable the development of smarter and more adaptive EPB systems capable of providing seamless operation, hill-hold functionality, and automatic brake engagement in emergencies. Furthermore, the increasing demand for electric and hybrid vehicles, along with the rise of connected car ecosystems, is

expected to drive market growth for EPB systems with features such as remote parking assist and predictive maintenance capabilities. .

Automotive Electronic Parking Brake 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 Automotive Electronic Parking Brake market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Automotive Electronic Parking Brake 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 Automotive Electronic Parking Brake industry.

Key market trends defining the global Automotive Electronic Parking Brake 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.

Automotive Electronic Parking Brake Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Automotive Electronic Parking Brake 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 Automotive Electronic Parking Brake companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Automotive Electronic Parking Brake industry

Leading Automotive Electronic Parking Brake 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 Automotive Electronic Parking Brake companies.

Automotive Electronic Parking Brake Market Study- Strategic Analysis Review

The Automotive Electronic Parking Brake 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.

Automotive Electronic Parking Brake Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Automotive Electronic Parking Brake 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.

Automotive Electronic Parking Brake 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 Automotive Electronic Parking Brake 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 Automotive Electronic Parking Brake market segments. Similarly, Strong end-user demand is encouraging Canadian Automotive Electronic Parking Brake companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Automotive Electronic Parking Brake market is expected to experience significant expansion, offering lucrative opportunities for both domestic and

international stakeholders.

Europe Automotive Electronic Parking Brake Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Automotive Electronic Parking Brake 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 Automotive Electronic Parking Brake 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 Automotive Electronic Parking Brake 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 Automotive Electronic Parking Brake in Asia Pacific. In particular, China, India, and South East Asian Automotive Electronic Parking Brake 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 Automotive Electronic Parking Brake 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 Automotive Electronic Parking Brake 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 Automotive

Electronic Parking Brake market potential. Fueled by increasing consumption expenditure, growing population, and high demand across a few markets drives the demand for Automotive Electronic Parking Brake.

Automotive Electronic Parking Brake Market Company Profiles

The global Automotive Electronic Parking Brake 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 AB SKF, Aisin Seiki Co. Ltd, Continental AG, DURA Automotive Systems Llc, Hitachi Automotive Systems Ltd, Hyundai Mobis Co. Ltd, Kuester Holding GmbH, Mando-Hella Electronics Corp., Robert Bosch GmbH, TBK Co. Ltd, ZF TRW Automotive Holdings Corp..

Recent Automotive Electronic Parking Brake Market Developments

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

Automotive Electronic Parking Brake 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

Electric-Hydraulic Caliper System

Full Electric Drive-By-wire Systems

Component

Caliper Integrated System

Brake Systems
Electronic Control Unit
Sensor
Actuators
Vehicle
Passenger Car
Light Commercial Vehicle
Heavy Commercial Vehicle
Sales Channel
OEM
Aftermarket

Geographical Segmentation:
North America (3 markets)
Europe (6 markets)
Asia Pacific (6 markets)
Latin America (3 markets)
Middle East Africa (5 markets)

Companies
AB SKF
Aisin Seiki Co. Ltd
Continental AG
DURA Automotive Systems Llc
Hitachi Automotive Systems Ltd
Hyundai Mobis Co. Ltd
Kuester Holding GmbH
Mando-Hella Electronics Corp.
Robert Bosch GmbH
TBK Co. Ltd
ZF TRW Automotive Holdings Corp..
Formats Available: Excel, PDF, and PPT

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Male dummy

Female dummy

Child dummy

Application

Passenger vehicle

Commercial vehicle

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4A TECHNOLOGY GMBH

AB Dynamics plc
Autoliv Inc
DEKRA SE
Dewesoft d.o.o.
Encocam Ltd
Exponent Inc
FUTEK Advanced Sensor Technology Inc
GESAC Inc Co.
Humanetics Innovative Solutions Inc
JASTI Co. Ltd
Kistler Holding AG
Mazda Motor Corp
Plascore Inc
Porsche Automobil Holding SE
Siemens AG

TransDigm Group Inc
XSENSOR Technology Corp
ZF Friedrichshafen AG

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