

Global IBS (Intelligent Braking System) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global IBS (Intelligent Braking System) market size was valued at USD 1896.3 million in 2023 and is forecast to a readjusted size of USD 11100 million by 2030 with a CAGR of 28.7% during review period.

Automobile intelligent braking system (IBS) is called electric brake booster. It is composed of mechanical device and electronic control unit. It senses the force and speed of the driver stepping on the brake through the sensor, and transmits it to the electric control unit. After the signal processing, the electronic control unit transmits the signal to the servo motor in the booster mechanism. Driven by the amplification mechanism of mechanical transmission, the main brake pump is pushed to work, so as to realize electricity Control action.

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The types of IBS market mainly include Two-Box and One-Box type. In 2019, the production of two box accounts for 65% of the total market share. IBS is used in pure electric vehicles and hybrid vehicles, and its main production areas are North America, Europe, Japan and China.

The Global Info Research report includes an overview of the development of the IBS (Intelligent Braking System) industry chain, the market status of Pure Electric Vehicle (Two-Box System, One-Box System), Hybrid Electric Vehicle (Two-Box System, One-Box System), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of IBS

(Intelligent Braking System).

Regionally, the report analyzes the IBS (Intelligent Braking System) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global IBS (Intelligent Braking System) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the IBS (Intelligent Braking System) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the IBS (Intelligent Braking System) industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Two-Box System, One-Box System).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the IBS (Intelligent Braking System) market.

Regional Analysis: The report involves examining the IBS (Intelligent Braking System) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the IBS (Intelligent Braking System) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to IBS (Intelligent Braking System):

Company Analysis: Report covers individual IBS (Intelligent Braking System) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards IBS (Intelligent Braking System) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Pure Electric Vehicle, Hybrid Electric Vehicle).

Technology Analysis: Report covers specific technologies relevant to IBS (Intelligent Braking System). It assesses the current state, advancements, and potential future developments in IBS (Intelligent Braking System) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the IBS (Intelligent Braking System) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

IBS (Intelligent Braking System) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Two-Box System

One-Box System

Market segment by Application

Pure Electric Vehicle

Hybrid Electric Vehicle

Other Vehicles

Major players covered

Robert Bosch GmbH

ZF Friedrichshafen AG

Hitachi, Ltd

Continental AG

NASN Automotive Electronics

Trinova

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe IBS (Intelligent Braking System) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of IBS (Intelligent Braking System), with price, sales, revenue and global market share of IBS (Intelligent Braking System) from 2019 to 2024.

Chapter 3, the IBS (Intelligent Braking System) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the IBS (Intelligent Braking System) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and IBS (Intelligent Braking System) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of IBS (Intelligent Braking System).

Chapter 14 and 15, to describe IBS (Intelligent Braking System) sales channel, distributors, customers, research findings and conclusion.

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