

Global Intelligent Braking Systems 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 Intelligent Braking Systems market size was valued at USD 1077.4 million in 2023 and is forecast to a readjusted size of USD 1817 million by 2030 with a CAGR of 7.8% 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 Intelligent Braking Systems industry chain, the market status of Automotive (ABS, EBS), Aircraft (ABS, EBS), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Intelligent Braking Systems.



Regionally, the report analyzes the Intelligent Braking Systems 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 Intelligent Braking Systems market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Intelligent Braking Systems 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 Intelligent Braking Systems 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., ABS, EBS).

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 Intelligent Braking Systems market.

Regional Analysis: The report involves examining the Intelligent Braking Systems 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 Intelligent Braking Systems market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Intelligent Braking Systems:

Company Analysis: Report covers individual Intelligent Braking Systems 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 Intelligent Braking Systems This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Automotive, Aircraft).

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

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Intelligent Braking Systems 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

Intelligent Braking Systems 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

ABS

Others

EBS

Market segment by Application

Automotive

Aircraft



Trains
Industrial Equipment
Others
Major players covered
Bosch
Continental
TRW
ADVICS
Hyundai Mobis
Mando
Wabco
Knorr-Bremse
Hitachi
Nissin Kogyo
Junen
Wanxiang
APG
Kormee
Dongfeng Electronic



Guangzhou Sivco

Volvo

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 Intelligent Braking Systems product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Intelligent Braking Systems 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 Intelligent Braking Systems 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 Intelligent Braking Systems.

Chapter 14 and 15, to describe Intelligent Braking Systems sales channel, distributors, customers, research findings and conclusion.



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