

Global Vehicle Retarder Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/GE5FD84742FEN.html>

Date: January 2024

Pages: 114

Price: US\$ 3,480.00 (Single User License)

ID: GE5FD84742FEN

Abstracts

According to our (Global Info Research) latest study, the global Vehicle Retarder market size was valued at USD 2025.7 million in 2023 and is forecast to a readjusted size of USD 3051.8 million by 2030 with a CAGR of 6.0% during review period.

Vehicle retarder is a device usually used on heavy vehicles to augment or replace some of the functions of primary friction-based braking systems. For the working principal, the vehicle retarder is composed of stator part producing magnetic field and rotor part producing resistance torque through cutting the magnetic lines by rotating of the rotor, so the vehicle retarder can make vehicle decelerating through this torque.

Market competition is fierce. The market concentration is relatively high. Leading 13 suppliers, including Frenelsa, Voith, ZF, Scania, Telma, Jacobs, Klam, TBK, Shaanxi Fast, SORL, Terca, Hongquan and CAMA occupy about 73% of the market.

The Global Info Research report includes an overview of the development of the Vehicle Retarder industry chain, the market status of 18-55 MT (Electric Retarders, Hydraulic Retarder), 55-100 MT (Electric Retarders, Hydraulic Retarder), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Vehicle Retarder.

Regionally, the report analyzes the Vehicle Retarder 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 Vehicle Retarder market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Vehicle Retarder 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 Vehicle Retarder 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., Electric Retarders, Hydraulic Retarder).

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 Vehicle Retarder market.

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

The report also involves a more granular approach to Vehicle Retarder:

Company Analysis: Report covers individual Vehicle Retarder 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 Vehicle Retarder This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (18-55 MT, 55-100 MT).

Technology Analysis: Report covers specific technologies relevant to Vehicle Retarder.

It assesses the current state, advancements, and potential future developments in Vehicle Retarder areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Vehicle Retarder 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

Vehicle Retarder 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

Electric Retarders

Hydraulic Retarder

Market segment by Application

18-55 MT

55-100 MT

Above 100 MT

Major players covered

Frenelsa

Voith

ZF

Scania

Telma

Jacobs

Klam

TBK

Shaanxi Fast

SORL

Terca

Hongquan

CAMA

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 Vehicle Retarder product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Vehicle Retarder 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 Vehicle Retarder 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 Vehicle Retarder.

Chapter 14 and 15, to describe Vehicle Retarder sales channel, distributors, customers, research findings and conclusion.

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