

Global Vehicle Electromagnetic Retarders Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G283FE2EA75FEN.html>

Date: August 2025

Pages: 123

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

ID: G283FE2EA75FEN

Abstracts

According to our (Global Info Research) latest study, the global Vehicle Electromagnetic Retarders market size was valued at US\$ 875 million in 2024 and is forecast to a readjusted size of USD 1289 million by 2031 with a CAGR of 5.7% during review period.

Vehicle Electromagnetic Retarders are advanced braking systems used in vehicles, particularly in large commercial vehicles like trucks, buses, and trains, to assist in slowing down or stopping the vehicle without relying solely on traditional friction-based brakes.

This report is a detailed and comprehensive analysis for global Vehicle Electromagnetic Retarders market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Vehicle Electromagnetic Retarders market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Vehicle Electromagnetic Retarders market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling

prices (US\$/Unit), 2020-2031

Global Vehicle Electromagnetic Retarders market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Vehicle Electromagnetic Retarders market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Vehicle Electromagnetic Retarders
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Vehicle Electromagnetic Retarders market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Voith Turbo, ZF Friedrichshafen AG, BorgWarner, Telma, Knorr-Bremse, Halder, Mitsubishi Heavy Industries, Iveco, JOST-Werke, Frenos y Sistemas de Freno, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Vehicle Electromagnetic Retarders market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Induction Retarders

Eddy Current Retarders

Market segment by Application

Commercial Vehicles

Rail Transit

Others

Major players covered

Voith Turbo

ZF Friedrichshafen AG

BorgWarner

Telma

Knorr-Bremse

Halder

Mitsubishi Heavy Industries

Iveco

JOST-Werke

Frenos y Sistemas de Freno

SAF-Holland

Sundyne

Caterpillar Inc.

Market segment by region, regional analysis covers

Global Vehicle Electromagnetic Retarders Market 2025 by Manufacturers, Regions, Type and Application, Forecast...

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 Electromagnetic Retarders product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Vehicle Electromagnetic Retarders, with price, sales quantity, revenue, and global market share of Vehicle Electromagnetic Retarders from 2020 to 2025.

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

Chapter 4, the Vehicle Electromagnetic Retarders breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and Vehicle Electromagnetic Retarders market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Electromagnetic Retarders.

Chapter 14 and 15, to describe Vehicle Electromagnetic Retarders sales channel,

distributors, customers, research findings and conclusion.

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