

Global Railway Brake Pads 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 Railway Brake Pads market size was valued at USD 1372.4 million in 2023 and is forecast to a readjusted size of USD 1843.6 million by 2030 with a CAGR of 4.3% during review period.

Railway brake pads are an integral part of the disc braking system. When the brake pedal is pressed, the brake pads press against the running disc in order to stop its motion and brake the vehicle. The brake pads are essentially made of a material that possesses high co-efficient of friction. Increase in demand for efficient braking during high speeds has led to the expansion of brake pad market.

Regional perspective, Europe and China play important roles in production of railway brake pads. In 2019, they produced 65% of the global total production totally. Key players include Knorr-Bremse, Wabtec Corporation, Tianyishangjia New Material, Akebono Brake Industry, Bremskerl, Tribo, Puran Railway Braking, CRRC Qishuyan Institute, Escorts Group, Flertex, Frimatrail Frenoplast, Railway Star Fortune High-Tech, Masu Brakes, Huatie Tongda, Youcaitec Material; the revenue of top five manufacturers accounts about 85% of the total revenue in 2019.

As of 2019, composite brake pads segment dominates the market contributing more than 70% of the total consumption, while powder metallurgy brake pads seeding fast as a result of most adoption in high speed railway. railway brake pads are major applied in freight wagons, passenger wagons, high speed rail, locomotive, subway/light rail, in 2019, demand for a freight wagons occupied the largest market, with 50% market share.

The Global Info Research report includes an overview of the development of the Railway Brake Pads industry chain, the market status of Freight Wagons (Composite Brake Pads, Powder Metallurgy Brake Pads), Passenger Wagons (Composite Brake Pads, Powder Metallurgy Brake Pads), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Railway Brake Pads.

Regionally, the report analyzes the Railway Brake Pads 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 Railway Brake Pads market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Railway Brake Pads 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 Railway Brake Pads 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., Composite Brake Pads, Powder Metallurgy Brake Pads).

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 Railway Brake Pads market.

Regional Analysis: The report involves examining the Railway Brake Pads 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 Railway Brake Pads market. This may include estimating market growth rates, predicting market demand, and identifying emerging

trends.

The report also involves a more granular approach to Railway Brake Pads:

Company Analysis: Report covers individual Railway Brake Pads 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 Railway Brake Pads. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Freight Wagons, Passenger Wagons).

Technology Analysis: Report covers specific technologies relevant to Railway Brake Pads. It assesses the current state, advancements, and potential future developments in Railway Brake Pads areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Railway Brake Pads 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

Railway Brake Pads 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

Composite Brake Pads

Powder Metallurgy Brake Pads

Market segment by Application

Freight Wagons

Passenger Wagons

High Speed Rail

Locomotive

Subway/Light Rail

Major players covered

Knorr-Bremse

Wabtec Corporation

Tianyishangjia New Material

Akebono Brake Industry

Bremskerl

Tribo

Puran Railway Braking

CRRC Qishuyan Institute

Escorts Group

Flertex

Frimatrail Frenoplast

Railway Star Fortune High-Tech

Masu Brakes

Huatie Tongda

Youcaitec Material

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 Railway Brake Pads product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Railway Brake Pads 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 Railway Brake Pads 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 Railway Brake Pads.

Chapter 14 and 15, to describe Railway Brake Pads sales channel, distributors, customers, research findings and conclusion.

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