

# Global High-speed Rail Vehicles Axle Gearbox Supply, Demand and Key Producers, 2023-2029

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# **Abstracts**

The global High-speed Rail Vehicles Axle Gearbox market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

The axle gearbox of high-speed railway vehicles, also known as the final drive gearbox, is a key component of high-speed trains, transmitting power from the motor to the wheels. The gearbox is usually located directly on the axle and is responsible for reducing the high rotational speed of the motor to the speed required by the wheels. The axle gearbox of high-speed railway vehicles usually consists of a gearbox, gears, bearings, and seals. The gears are designed to mesh with each other and transmit power from the motor to the wheels. The bearings support the gears to reduce friction between the gears and the gearbox housing, while the seals prevent dirt and moisture from entering the gearbox. The design of axle gearboxes for high-speed railway vehicles is crucial for the reliable and efficient operation of trains. It must be able to withstand the high speed, load, and temperature experienced by the train, while providing sufficient lubrication and protection for the gears and bearings.

This report studies the global High-speed Rail Vehicles Axle Gearbox production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for High-speed Rail Vehicles Axle Gearbox, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of High-speed Rail Vehicles Axle Gearbox that contribute to its increasing demand across many markets.



Highlights and key features of the study

Global High-speed Rail Vehicles Axle Gearbox total production and demand, 2018-2029, (K Units)

Global High-speed Rail Vehicles Axle Gearbox total production value, 2018-2029, (USD Million)

Global High-speed Rail Vehicles Axle Gearbox production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global High-speed Rail Vehicles Axle Gearbox consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: High-speed Rail Vehicles Axle Gearbox domestic production, consumption, key domestic manufacturers and share

Global High-speed Rail Vehicles Axle Gearbox production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global High-speed Rail Vehicles Axle Gearbox production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global High-speed Rail Vehicles Axle Gearbox production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global High-speed Rail Vehicles Axle Gearbox market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Siemens AG, ABB, General Electric Company, Bombardier Transportation, Alstom SA, Dana Incorporated, Voith Group, Vossloh AG and Knorr-Bremse AG, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World High-speed Rail Vehicles Axle Gearbox market



# Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global High-speed Rail Vehicles Axle Gearbox Market, By Region: **United States** China Europe Japan South Korea **ASEAN** India Rest of World Global High-speed Rail Vehicles Axle Gearbox Market, Segmentation by Type Planetary Gearbox Helical Gearbox

Global High-speed Rail Vehicles Axle Gearbox Market, Segmentation by Application

Passenger Train

Cycloidal Gearbox



Freight Train	
Companies Profiled:	
Siemens AG	
ABB	
General Electric Company	
Bombardier Transportation	
Alstom SA	
Dana Incorporated	
Voith Group	
Vossloh AG	
Knorr-Bremse AG	
SKF Group	
Timken Company	
Comer Industries S.p.A.	
Bonfiglioli Riduttori S.p.A.	
NGC Transmission Europe GmbH	
ZF Friedrichshafen AG	

S.C. Tramec S.A.

New LocoTech Company Limited



# Brevini Power Transmission S.p.A.

# **Key Questions Answered**

- 1. How big is the global High-speed Rail Vehicles Axle Gearbox market?
- 2. What is the demand of the global High-speed Rail Vehicles Axle Gearbox market?
- 3. What is the year over year growth of the global High-speed Rail Vehicles Axle Gearbox market?
- 4. What is the production and production value of the global High-speed Rail Vehicles Axle Gearbox market?
- 5. Who are the key producers in the global High-speed Rail Vehicles Axle Gearbox market?
- 6. What are the growth factors driving the market demand?



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