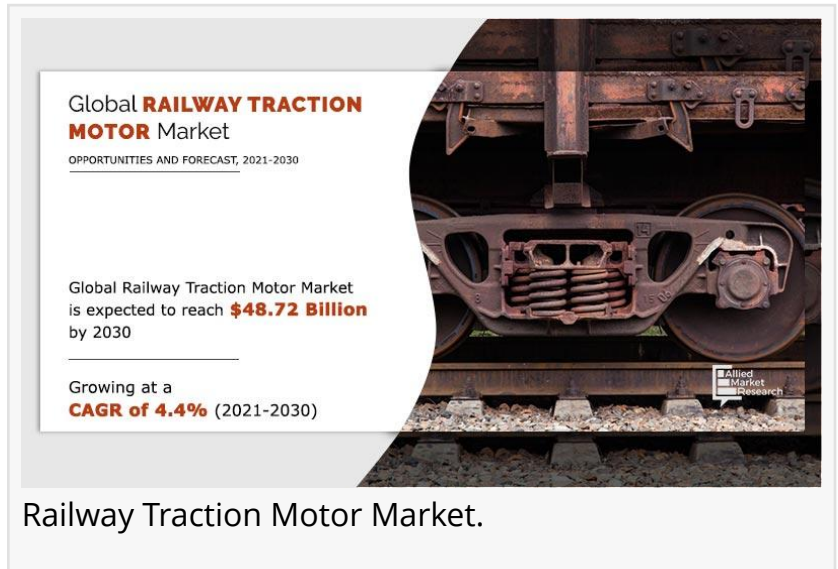


# Global Railway Traction Motor Market Set to Surge to USD 48.72 Billion by 2030, Growing at 4.4% CAGR | AMR

WILMINGTON, NEW CASTLE, DE, UNITED STATES, October 15, 2024 /EINPresswire.com/ -- According to a recent report published by Allied Market Research, titled, "[Railway Traction Motor Market](#) Share, Size, Competitive Landscape and Trend Analysis Report, by Type and Application : Global Opportunity Analysis and Industry Forecast, 2021-2030".



Global **RAILWAY TRACTION MOTOR** Market  
OPPORTUNITIES AND FORECAST, 2021-2030

Global Railway Traction Motor Market is expected to reach **\$48.72 Billion** by 2030

Growing at a **CAGR of 4.4%** (2021-2030)

Railway Traction Motor Market.

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The global [railway traction motor market size](#) was valued at \$31.44 billion in 2020, and is projected to reach \$48.72 billion by 2030, registering a CAGR of 4.4% from 2021 to 2030.

Among the analyzed regions, Europe is the highest revenue contributor, followed by Asia-Pacific, North America, and LAMEA. On the basis of growth rate, LAMEA is expected to grow at highest CAGR during the forecast period, owing to increase in development of railway network and transportation industry in Latin America and Africa.

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- ABB Group,
- Saini Group,
- ALSTOM,
- Bombardier,
- BHEL,

Hyundai  
Rotem Company,  
Mitsubishi Electric Corporation,  
Siemens AG,  
Sulzer Ltd.  
VEM Group

Traction motors are AC or DC electric motors that provide power to drive locomotives. Traction Motors are mounted either on the bogie of the car or at the car body (high speed train) and drives a car using electric power supplied by Inverters. Further, these motors offer high durability and deliver robust performance, owing to high power and superior mechanical susceptibility of heavy payloads. The traction motors require high power to deliver the torque required to move the wheels, resulting in compact designs, efficient power-to-weight ratios, and efficient cooling of the traction motors. Thus, torque motors have minimum torque ripple, reduced noise & vibrations, higher efficiency, and efficient cooling capabilities through open or forced ventilation.

For more information on the railway traction motor market, visit : <https://www.alliedmarketresearch.com/railway-traction-motor-market/purchase-options>

The factors such as incorporation of traction motors in railway engines, lower emission, low manufacturing & maintenance cost and reduction in loss of performance. However, the factors such as rise in price of materials used for production and high investment cost restrain the market growth. On the contrary, increase in R&D and increase in allocation of budget for development of railways is expected to provide lucrative growth opportunities for the market.

COVID-19 Impact on the railway traction motor market :

The railway traction motor market is affected by financial crisis and economic slowdown, owing to the present pandemic situations, which hampers the industry growth. Countries such as China, Japan, the U.S, and Germany, accounted for a major share in the global transportation industry and are projected to experience a drastic impact, owing to COVID-19 pandemic. Companies with a global supply chain related to traction motors are expected to witness COVID related disruptions, owing to hold over component supply from various countries and lockdowns across the globe. In addition, companies with international supply chains may requires to analyze critical components that are in short supply and should consider strategies for alternative sourcing.

By type, the AC traction motor segment is expected to register a significant growth during the forecast period :

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By application, the electric multiple units segment dominated the global railway traction motor market in 2020, in terms of revenue

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Connected Rail Market :

<https://www.alliedmarketresearch.com/connected-rail-market-A12176>

Trailer Axle Market :

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Europe Trailer Axle Market :

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Railway Signaling System Market :

<https://www.alliedmarketresearch.com/railway-signaling-system-market-A08785>

Railway System Market :

<https://www.alliedmarketresearch.com/railway-system-market-A05987>

Asia-Pacific Trucks and Trailer HVAC Market :

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