

Automotive Traction Motor - Global Market Outlook (2020-2028)

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Abstracts

According to Statistics MRC, the Global Automotive Traction Motor Market is accounted for \$2.98 billion in 2020 and is expected to reach \$26.50 billion by 2028 growing at a CAGR of 31.4% during the forecast period. Rising demand for electric vehicles and advancements in electrical drives for traction systems are the major factors propelling the market growth. However, the development of substitutes is hampering the market growth.

An automotive traction motor is generally used in electric vehicles and full hybrid vehicles for the propulsion of the vehicle on pure electric power. The traction motor is considered the heart of electric and hybrid vehicles. An automotive traction motor can also act as a generator; however, in motor mode, it converts electric energy from the battery into mechanical energy, and in generator mode, it converts mechanical energy into electrical energy such that the kinetic energy released during deceleration of the vehicle is converted into electrical energy and is utilized to charge the battery.

Based on the operating current, the alternating current (AC) operated traction motor segment is estimated to have a lucrative growth during the forecast period. It is generally utilized in locomotives and is generally not employed in automobiles due to its fixed speed characteristics; however, an AC-operated motor has a simple construction and requires less maintenance and requires less maintenance.

By geography, the Asia Pacific is going to have a lucrative growth during the forecast period due to the rising population has led to a significant increase in demand for transportation connectivity. An all-around effort by the governments of various countries within the region to reduce greenhouse gases and the strong emphasis on reducing carbon emissions has led to a tremendous focus on manufacturing electric vehicles in

the region.

Some of the key players profiled in the Automotive Traction Motor Market include Zhongshan Broad-Ocean Motor Co., Ltd. BYD Company, MAHLE GmbH, Valeo, Tesla Inc., Shenzhen Megmeet, MITSUBA Corporation, Denso, Robert Bosch, Nidec Corporation, and Shenzhen Inovance Tech, Zhejiang Founder Motor Co., Ltd, Magna International, Johnson Electric, Eaton Corporation, Schaeffler Group, Continental AG, ZF Friedrichshafen AG, and BorgWarner.

Operating Currents Covered:

Direct Current (DC) Operated Traction Motor

Alternating Current (AC) Operated Traction Motor

Power Outputs Covered:

Less Than 200 KW

200-400 KW

Above 400 KW

Vehicle Types Covered:

Passenger Vehicles (PVs)

Commercial Vehicles (CVs)

Electric Vehicle (EV) Types Covered:

Battery Electric Vehicle (BEV)

Hybrid Electric Vehicle (HEV)

Plug-In Hybrid Electric Vehicle (PHEV)

Motor Types Covered:

Permanent Magnet Synchronous Motors (PMSM)

Alternating Current (AC) Induction Motors

Direct Current (DC) Brushless

Connection Types Covered:

Series Connection

Parallel Connection

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025, and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as

per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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