

Global Automotive E-axle Market Size study & Forecast, by Electric Vehicle Type (Battery Electric Vehicle (BEV), Plug-in Hybrid Electric Vehicle (PHEV)) by Vehicle Type (Passenger Car, Commercial Vehicle), by Drive Type (All Wheel Drive (AWD), Front-Wheel Drive (FWD), Rear Wheel Drive (RWD)) and Regional Analysis, 2022-2029

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Abstracts

Global Automotive E-axle Market is valued approximately USD XXX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. Automotive e-axle refers to a compact electric drive solution which combines the transmission, power electronics, and electric motor into a single unit. A single cooling for all parts, reduced packaging, and increased efficiency are all made possible by this one casing. It serves as the EV's powertrain and provides automakers with improved performance benefits. The market's expansion will be influenced by the aggressive electrification goals set by major OEMs and the increased number of models available. The key factor driving the market growth is growing sale of electric and hybrid vehicles, and rising fuel costs, also, aggressive OEM electrification targets will support the market growth during forecast period.

According to the International Energy Agency's global annual EV forecast report, which was published in April 2021, around 370 electric car models were offered in 2020. It shows a 40% growth year over year. The popular SUV sector experienced the largest expansion and the widest range of models in 2020. In China and Europe, electric SUVs are being adopted quickly, and in the United States, they dominate the market. For instance, in Europe, the share of electric SUVs is larger than the market share for all SUVs. These factors will therefore fuel the growth of the automobile e-axle market.

Additionally, stringent emission regulations to reduce vehicle weight and emission is anticipated to create the lucrative opportunity for the market during forecast period. However, the high cost of electric axle drive system stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Automotive E-axle Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. Europe is the dominating region across the world in terms of market share, owing to the rising stringency of CO2 emission objectives and the implementation of emissions reductions strategies such as the EU Sustainable and Smart Mobility Strategic framework and the EU Green Deal will push the market growth in this region. Whereas, Asia Pacific is also anticipated to exhibit highest growth rate over the forecast period, owing to factors such as rapid electrification of heavy-duty fleets and public transportation, the quick deployment of charging infrastructure, and the declining total cost of ownership of EVs will fuel market expansion in this region.

Major market player included in this report are:

Dana Limited

Robert Bosch GmbH

GKN Automotive Limited

Nidec Corporation

ZF Friedrichshafen AG

Continental AG

Schaeffler AG

AxleTech (Meritor, Inc.)

Linamar Corporation

Magna International Inc.

Recent Developments in the Market:

In 2021, Nidec announced the integration of Ni200Ex, the company's 200kW, e-axle motor drives system, in the ZEEKR 001, an Electric vehicle produced by Geely Automobile Group, one of the leading automotive manufacturers in China.

Global Automotive E-axle Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Electric Vehicle Type, Vehicle Type, Drive Type, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World
Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Electric Vehicle Type:

Battery Electric Vehicle (BEV)

Plug-in Hybrid Electric Vehicle (PHEV)

By Vehicle Type:

Passenger Car

Commercial Vehicle

By Drive Type:

All Wheel Drive (AWD)

Front-Wheel Drive (FWD)

Rear Wheel Drive (RWD)

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China
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