

# Hub motor - Global Market Outlook (2017-2026)

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## Abstracts

According to Statistics MRC, the Global Hub Motor Market is accounted for \$7.45 billion in 2017 and is expected to reach \$14.28 billion by 2026 growing at a CAGR of 7.5% during the forecast period. Some of the key factors driving the market growth include increasing sales of electric two wheelers globally, increased driving range and government purchase incentives for electric two wheelers. However, factors such as lack of awareness of general population related to motorcycle hub motors is restraining the market growth.

The Hub Motor is normally used in an electric motorcycle to offer traction by converting stored electric energy to motion power. Hub Motor are integrating into the wheel-hub to provide traction, it has mostly two type of possibilities or arrangements of fitting in an electric which is straight connection and wheel hub with an extra gearbox. During Direct connection low-speed with elevated torque can be attained though incorporation of wheel hub with an additional gearbox facilitates speed and torque accordingly to user requirement. This hub motor helps in dropping the fuel consumption and also reduces maintenance costs of the motorcycle and that extend the motorcycle life. The hub motor arrangement is a major step towards vehicular emission control. Furthermore, the sizes, elasticity, power efficient and lightweight are the advantages of the traction through hub motor.

Based on Sales Channel, OEM segment held considerable market share during the forecast period owing to the hub motor being in the advance phase. In addition, greater life span and usages of this equipment is anticipated to drive the OEM segment growth. Additionally, major expansion of the automotive production and increasing export of Electric Vehicles from the Japan, Korea and China are projected to grow the OEM segment for the market. By Geography, Asia Pacific is estimated to have prominent growth in the global market due to rush in adoption of electric buses in emerging economies of this region. In addition, rising imports and exports of electric vehicles due

to rise in pollution and to find alternative to gasoline vehicles that emit huge pollutants in the atmosphere is another factor responsible for the growth of this market in this region.

Some of the key players in the market are Schaeffler, Elaphe Ltd, Michelin Group, Jiashan Neopower International Trade, QS Motor, Go Swissdrive, MAC Motor, TDCM Corporation, NTN Corporation, Tajima EV, Robert Bosch, Leaf Motor, Enertrac Corporation, Fuji-Ta, Merida, Heinzmann, Zero Motorcycles, Luna Cycle, Tainjin Golden Wheel, Accell Group, Pon Bike Group and Victory Motorcycles.

#### Motors Covered:

Gearless Hub Motor

Geared Hub Motor

#### Power Outputs Covered:

Above 3000 W

1000–3000 W

Below 1000 W

#### Installations Covered:

Rear Hub Motor

Front Hub Motor

All Drive

#### Sales Channels Covered:

Original Equipment Manufacturer

Aftermarket

Method of Cooling's covered:

Air Cooled

Water Cooled

Torques Covered:

More than 700 Nm

Less than 700 Nm

Electric Vehicle Types Covered:

Hybrid Electric Vehicle (HEV)

Plug in Hybrid Vehicle (PHEV)

Battery Vehicle (BEV)

Brakings Covered:

Conventional Braking

Regenerative Braking

Vehicle Types Covered:

Passenger Vehicle

Commercial Vehicle

## Two-wheelers

### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

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

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Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub-segments and the regional markets

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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