

Gear Motor Market Size, Share, and Analysis, By Gear Type (Helical Gear, Planetary Gear, Bevel Gear, Worm Gear, Spur Gear), By Rated Power (Up to 7.5 kW, 7.5 kW to 75 kW, Above 75 kW), By Torque (Up to 10,000 Nm, Above 10,000 Nm), By Industry (Material Handling, Construction, Power Generation, Mining, Food & Beverage, Manufacturing Industry, Packaging & Labelling, and Others), and By Region (North America, Europe, Asia-Pacific, And Rest of the World) And Regional Forecast 2024-20

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Abstracts

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PRODUCT OVERVIEW

Gear Motor Market is anticipated to exhibit a Compound Annual Growth Rate (CAGR) of 7% during the forecast span from 2024 to 2034. In 2023, the market size was assessed at USD 21.5 billion and is projected to reach USD 45.6 billion by the completion of 2034.

Gear motor refers to a powerful unit that combines an electric motor and a gearbox to enhance output torque or speed for specific applications. It operates by interconnecting gears of different sizes within the gearbox and comprises two primary components: a power-generating motor and a gearbox that facilitates velocity adjustments. This setup enables easy adjustments in the rotational speed and torque of motor's output shaft. Moreover, gear motors find extensive use in various domains such as robotics, industrial machinery, and automotive systems due to their efficiency, consistency, and adaptability in meeting specific torque and speed requirements across industries. Consequently, gear motors are distinguished by their precise output control, making them indispensable for a wide range of mechanical and technological tasks.

MARKET HIGHLIGHTS

Gear Motor Market is projected to achieve USD 45.6 billion during the forecast period, driven by increasing demand for efficient machinery across various industries, particularly in automotive systems, robotics, and heavy material handling. This expansion is attributed to technological innovations, such as the adoption of IoT and industry 4.0 principles, which improves the efficiency of gear motor and provide predictive maintenance capabilities. Furthermore, industries are favouring small gear motors with higher power density to address space limitations while maintaining optimal performance. Moreover, there is an increasing focus on sustainability and energy efficiency, which has resulted in the development of eco-friendly gear motor solutions. Therefore, with ongoing improvements in technology and the growing need for versatile and effective machinery across industries, the gear motor market is expected to expand consistently.

Gear Motor Market Segments:

By Gear Type

Helical Gear

Planetary Gear

Bevel Gear

Worm Gear

Spur Gear

By Rated Power

Up to 7.5 kW

7.5 kW to 75 kW

Above 75 kW

By Torque

Up to 10,000 Nm

Above 10,000 Nm

By Industry

Material Handling

Construction

Power Generation

Mining

Food & Beverage

Manufacturing Industry

Packaging & Labelling

Others

MARKET DYNAMICS

Growth Drivers

Increasing Usage of Industrial Automation Will Drive Market Growth

Gear Motor Technological Advancements Will Provide Growth Opportunities

Restraint

High Initial Expenditure Required May Stymie Market Expansion

Key Players

SEW-EURODRIVE

Bonfiglioli

Bauer Gear Motor

WEG Industries

Sumitomo Heavy Industries

TECO Electric & Machinery Co., Ltd.

Brevini Power Transmission (Dana Incorporated)

Oriental Motor USA Corp.

Groschopp AG

NORD Drivesystems

Siemens AG

Regal Beloit Corporation

Leroy-Somer (Nidec Corporation)

Johnson Electric Holdings Limited

STM Spa

Other Prominent Players (Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the

region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

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