

Global Electrically Powered Steering Column Drive Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Electrically Powered Steering Column Drive market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

Electrically powered steering column drive systems are the systems which require a column to support or connect the steering wheel to the system. Optimally the EPS drive is placed on the side of the steering column in the vehicle interior. An additional torque is provided by the motor and is transferred to the system. This method is used in compact vehicles which have to be built in a limited amount of space. These systems are fuel efficient, and hence they emit less carbon dioxide. The systems having column drive electrically powered steering system does not have to worry about the temperature ranges and have a beneficial effect on the cost of the system. The EPS column drive systems work like a normal EPS system where they monitor the driver's activity and assists only when its required, in this way they consume less power. This reduction in the consumption of power makes them fuel efficient. Steering column can be attached with both vertical and horizontal steering wheel adjustments. Column assisted electric power steering system are used in compact cars which require small rack force.

Since the motor and ECU are inside the cabin so there is no need of waterproofing and there is no influence on engine and transmission layout. This is the biggest advantage of using electrically powered column drive steering systems. They provide a compact structure and does not require any messy connection like in hydraulic steering systems. They are fuel efficient and are light weight which can be easily installed in an automobile. They have a built in safe technology which allows them to drive the steering

manually at the time of system failure.

The Global Info Research report includes an overview of the development of the Electrically Powered Steering Column Drive industry chain, the market status of Passenger (Electric Power Steering, Electric Power Hydraulic Steering), Commercial (Electric Power Steering, Electric Power Hydraulic Steering), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Electrically Powered Steering Column Drive.

Regionally, the report analyzes the Electrically Powered Steering Column Drive markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Electrically Powered Steering Column Drive market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Electrically Powered Steering Column Drive market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Electrically Powered Steering Column Drive industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Electric Power Steering, Electric Power Hydraulic Steering).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Electrically Powered Steering Column Drive market.

Regional Analysis: The report involves examining the Electrically Powered Steering Column Drive market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Electrically Powered Steering Column Drive market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Electrically Powered Steering Column Drive:

Company Analysis: Report covers individual Electrically Powered Steering Column Drive manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Electrically Powered Steering Column Drive. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Passenger, Commercial).

Technology Analysis: Report covers specific technologies relevant to Electrically Powered Steering Column Drive. It assesses the current state, advancements, and potential future developments in Electrically Powered Steering Column Drive areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Electrically Powered Steering Column Drive market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Electrically Powered Steering Column Drive market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Electric Power Steering

Electric Power Hydraulic Steering

Market segment by Application

Passenger

Commercial

Sports

Others

Major players covered

TRW

Dayco

Herald Wheels

Motor Mechanic

ZF

Nexteer

NSK

JTEKT

Marimba Auto

Continental

Kostal Of America

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Electrically Powered Steering Column Drive product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Electrically Powered Steering Column Drive, with price, sales, revenue and global market share of Electrically Powered Steering Column Drive from 2019 to 2024.

Chapter 3, the Electrically Powered Steering Column Drive competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Electrically Powered Steering Column Drive breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Electrically Powered Steering Column Drive market forecast, by regions,

type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Electrically Powered Steering Column Drive.

Chapter 14 and 15, to describe Electrically Powered Steering Column Drive sales channel, distributors, customers, research findings and conclusion.

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