

Global Powertrain Market Research Report 2024(Status and Outlook)

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Abstracts

Report Overview

Powertrain refers to the mechanism that transmits power from the engine to the wheels of a vehicle, encompassing the engine, transmission, and drivetrain components. The powertrain plays a pivotal role in determining a vehicle's performance, efficiency, and overall driving experience. In the automotive industry, the powertrain segment is a critical component that directly impacts vehicle functionality and consumer preferences.

The current market size for powertrain systems stands at approximately USD 350 million in 2023. This segment is projected to grow at a Compound Annual Growth Rate (CAGR) of 5.75% from 2024 to 2032. The key growth drivers for the powertrain market include increasing demand for fuel-efficient vehicles, technological advancements in transmission systems, and the rising production of electric vehicles. Additionally, stringent emission regulations are compelling automakers to invest in innovative powertrain solutions to reduce carbon emissions and enhance sustainability.

One prominent trend in the powertrain market is the shift towards electrification. Electric powertrains are gaining traction due to their environmental benefits and government incentives promoting electric vehicle adoption. This trend is further fueled by advancements in battery technology, leading to improved range and performance of electric vehicles. As a result, major automakers are investing heavily in electric powertrain development to capitalize on the growing demand for electric vehicles.

Another significant trend is the integration of connectivity and automation in powertrain systems. The emergence of connected vehicles and autonomous driving technologies is reshaping the automotive landscape, influencing powertrain design and functionality.

Connected powertrains enable real-time data exchange between vehicle components, optimizing performance and efficiency. Moreover, autonomous driving capabilities require sophisticated powertrain systems to support seamless vehicle control and operation.

In terms of regional market distribution, leading markets for powertrain systems include North America, Europe, and Asia Pacific. North America dominates the market due to the presence of key automotive manufacturers and technological advancements in powertrain engineering. Europe follows closely, driven by stringent emission regulations and a strong focus on sustainable mobility solutions. Asia Pacific is experiencing rapid growth in the powertrain market, fueled by the expanding automotive industry in countries like China and India.

Key challenges facing the powertrain market include the high cost of electric powertrain components, limited charging infrastructure for electric vehicles, and the complexity of integrating connectivity and automation features into traditional powertrain systems. Overcoming these challenges will require collaboration between automakers, suppliers, and policymakers to drive innovation, reduce costs, and accelerate the adoption of advanced powertrain technologies.

In conclusion, the powertrain market is undergoing a transformative phase driven by electrification, connectivity, and automation trends. As the automotive industry continues to evolve, stakeholders must adapt to changing consumer preferences, regulatory requirements, and technological advancements to stay competitive in the dynamic powertrain market landscape.

This report provides a deep insight into the global Powertrain market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Powertrain Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Powertrain market in any manner.

Global Powertrain Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

AKKA Technologies

Ricardo

FEV

ThyssenKrupp

Horiba

Applus+ IDIADA

Intertek

IAV

MAE

A&D

IBAG

Atesteo

FAKT

CSA Group

KST

CRITT M2A

Market Segmentation (by Type)

Engine Test

Gearbox Test

Turbocharger Test

Powertrain Final Tests

Other

Market Segmentation (by Application)

Automotive Powertrain Components Manufacturers

Automotive Manufacturers

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Powertrain Market

Overview of the regional outlook of the Powertrain Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

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 concerning 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 from 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

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division

standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Powertrain Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

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