

# **Automotive Clutch Market Size, Trends, Analysis, and Outlook by Type (Fluid Clutches, Electromagnetic Clutches, Friction Clutches, Positive Contact Clutches), Vehicle (Passenger Cars, Commercial Vehicles, Heavy-Duty Vehicles, Race Cars, Mopeds and Motobikes, Others), Transmission (Manual Transmission, Automatic Transmission, Automated Manual Transmission, Continuously Variable Transmission), by Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global Automotive Dynamometers market size is poised to register 5.35% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global Automotive Dynamometers market by Type (Automotive Chassis Dynamometers, Automotive Engine Dynamometers), Application (Automotive OEM, Automotive Aftermarket), Vehicle (Heavy Commercial Vehicle, Light Commercial Vehicle, Passenger Car).

The Automotive Dynamometers Market is poised for significant evolution until 2030, driven by several pivotal trends and drivers. With the automotive industry's increasing focus on vehicle performance optimization, emissions reduction, and electrification, there's a growing demand for advanced dynamometer systems that offer precise testing and validation capabilities for engines, transmissions, and drivetrain components. This demand is further fueled by regulatory mandates worldwide, pushing for stricter emissions standards and improved fuel efficiency, necessitating the use of dynamometers for accurate measurement and calibration of vehicle systems. In

addition, as automotive manufacturers continue to invest in research and development of electric and hybrid vehicles, there's a trend toward the development of dynamometers specifically designed for testing electric motors, battery systems, and regenerative braking systems. Further, advancements in dynamometer technology, including the integration of data acquisition systems, real-time monitoring, and simulation capabilities, are anticipated to enhance testing efficiency and accuracy, meeting the evolving needs of automotive engineers and researchers. Furthermore, the increasing complexity of vehicle designs and the proliferation of advanced driver-assistance systems (ADAS) and autonomous driving technologies are expected to drive market growth for dynamometers capable of testing these systems under various operating conditions. .

### Automotive Dynamometers Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Automotive Dynamometers market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Automotive Dynamometers survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Automotive Dynamometers industry.

### Key market trends defining the global Automotive Dynamometers demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

### Automotive Dynamometers Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Automotive Dynamometers industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Automotive Dynamometers companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Automotive Dynamometers industry. Leading Automotive Dynamometers companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Automotive Dynamometers companies.

#### Automotive Dynamometers Market Study- Strategic Analysis Review

The Automotive Dynamometers market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis.

Explore potential market disruptions, technology advancements, and economic changes.

#### Automotive Dynamometers Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Automotive Dynamometers industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

#### Automotive Dynamometers Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

#### North America Automotive Dynamometers Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in

2024), potentially driving demand for various Automotive Dynamometers market segments. Similarly, Strong end-user demand is encouraging Canadian Automotive Dynamometers companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Automotive Dynamometers market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

**Europe Automotive Dynamometers Market Size Outlook-**Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Automotive Dynamometers industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Automotive Dynamometers market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

**Asia Pacific Automotive Dynamometers Market Size Outlook-** an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Automotive Dynamometers in Asia Pacific. In particular, China, India, and South East Asian Automotive Dynamometers markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

**Latin America Automotive Dynamometers Market Size Outlook-** Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Automotive Dynamometers Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Automotive Dynamometers market potential. Fueled by increasing consumption expenditure, growing population, and high demand across a few markets drives the demand for Automotive Dynamometers.

#### Automotive Dynamometers Market Company Profiles

The global Automotive Dynamometers market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are AVL, D2T, Delphi Technologies, Froude Hofmann Ltd, HORIBA Ltd, Meidensha Corp, Mustang Dynamometer, Robert Bosch GmbH, SAKOR Technologies Inc, SuperFlow Dynamometers & Flowbenches, Taylor Dynamometer.

#### Recent Automotive Dynamometers Market Developments

The global Automotive Dynamometers market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

#### Automotive Dynamometers Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

#### Market Segmentation:

## Type

Automotive Chassis Dynamometers

Automotive Engine Dynamometers

## Application

Automotive OEM

Automotive Aftermarket

## Vehicle

Heavy Commercial Vehicle

Light Commercial Vehicle

Passenger Car

## Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

## Companies

AVL

D2T

Delphi Technologies

Froude Hofmann Ltd

HORIBA Ltd

Meidensha Corp

Mustang Dynamometer

Robert Bosch GmbH

SAKOR Technologies Inc

SuperFlow Dynamometers & Flowbenches

Taylor Dynamometer.

Formats Available: Excel, PDF, and PPT

## Contents

### 1. EXECUTIVE SUMMARY

- 1.1 Automotive Clutch Market Overview and Key Findings, 2024
- 1.2 Automotive Clutch Market Size and Growth Outlook, 2021- 2030
- 1.3 Automotive Clutch Market Growth Opportunities to 2030
- 1.4 Key Automotive Clutch Market Trends and Challenges
  - 1.4.1 Automotive Clutch Market Drivers and Trends
  - 1.4.2 Automotive Clutch Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Automotive Clutch Companies

### 2. AUTOMOTIVE CLUTCH MARKET SIZE OUTLOOK TO 2030

- 2.1 Automotive Clutch Market Size Outlook, USD Million, 2021- 2030
- 2.2 Automotive Clutch Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

### 3. AUTOMOTIVE CLUTCH MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
  - \* Threat of New Entrants
  - \* Threat of Substitutes
  - \* Intensity of Competitive Rivalry
  - \* Bargaining Power of Buyers
  - \* Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

### 4. AUTOMOTIVE CLUTCH MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
  - Type
  - Fluid Clutches
  - Electromagnetic Clutches
  - Friction Clutches

Positive Contact Clutches

Vehicle

Passenger Cars

Commercial Vehicles

Heavy-Duty Vehicles

Race Cars

Mopeds and Motobikes

Others

Transmission

Manual Transmission

Automatic Transmission

Automated Manual Transmission

Continuously Variable Transmission

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

## **5. REGION-WISE MARKET OUTLOOK TO 2030**

5.1 Key Findings for Asia Pacific Automotive Clutch Market, 2025

5.2 Asia Pacific Automotive Clutch Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Automotive Clutch Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Automotive Clutch Market, 2025

5.5 Europe Automotive Clutch Market Size Outlook by Type, 2021- 2030

5.6 Europe Automotive Clutch Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Automotive Clutch Market, 2025

5.8 North America Automotive Clutch Market Size Outlook by Type, 2021- 2030

5.9 North America Automotive Clutch Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Automotive Clutch Market, 2025

5.11 South America Pacific Automotive Clutch Market Size Outlook by Type, 2021- 2030

5.12 South America Automotive Clutch Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Automotive Clutch Market, 2025

5.14 Middle East Africa Automotive Clutch Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Automotive Clutch Market Size Outlook by Application, 2021- 2030

## **6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030**

6.1 US Automotive Clutch Market Size Outlook and Revenue Growth Forecasts

- 6.2 US Automotive Clutch Industry Drivers and Opportunities
- 6.3 Canada Market Size Outlook and Revenue Growth Forecasts
- 6.4 Canada Automotive Clutch Industry Drivers and Opportunities
- 6.6 Mexico Market Size Outlook and Revenue Growth Forecasts
- 6.6 Mexico Automotive Clutch Industry Drivers and Opportunities
- 6.7 Germany Market Size Outlook and Revenue Growth Forecasts
- 6.8 Germany Automotive Clutch Industry Drivers and Opportunities
- 6.9 France Market Size Outlook and Revenue Growth Forecasts
- 6.10 France Automotive Clutch Industry Drivers and Opportunities
- 6.11 UK Market Size Outlook and Revenue Growth Forecasts
- 6.12 UK Automotive Clutch Industry Drivers and Opportunities
- 6.13 Spain Market Size Outlook and Revenue Growth Forecasts
- 6.14 Spain Automotive Clutch Industry Drivers and Opportunities
- 6.16 Italy Market Size Outlook and Revenue Growth Forecasts
- 6.16 Italy Automotive Clutch Industry Drivers and Opportunities
- 6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
- 6.18 Rest of Europe Automotive Clutch Industry Drivers and Opportunities
- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Automotive Clutch Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Automotive Clutch Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Automotive Clutch Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Automotive Clutch Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Automotive Clutch Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Automotive Clutch Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Automotive Clutch Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Automotive Clutch Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Automotive Clutch Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Automotive Clutch Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Automotive Clutch Industry Drivers and Opportunities

6.41 Africa Market Size Outlook and Revenue Growth Forecasts

6.42 Africa Automotive Clutch Industry Drivers and Opportunities

## **7. AUTOMOTIVE CLUTCH MARKET OUTLOOK ACROSS SCENARIOS**

7.1 Low Growth Case

7.2 Reference Growth Case

7.3 High Growth Case

## **8. AUTOMOTIVE CLUTCH COMPANY PROFILES**

8.1 Profiles of Leading Automotive Clutch Companies in the Market

8.2 Business Descriptions, SWOT Analysis, and Growth Strategies

8.3 Financial Performance and Key Metrics

Aisin Seiki Co. Ltd

Allison Transmission Holdings Inc

BorgWarner Inc

Eaton Corp plc

EXEDY Corp

JATCO Ltd

Magneti Marelli S.p.A.

Schaeffler AG

Valeo SA

WABCO Holdings Inc

ZF Friedrichshafen AG

## **9. APPENDIX**

9.1 Scope of the Report

9.2 Research Methodology and Data Sources

9.3 Glossary of Terms

9.4 Market Definitions

9.5 Contact Information

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