

Global Automotive Flywheel Market Size study & Forecast, by Distribution channel (OEM, Aftermarket), by Type (Single Mass, Dual Mass), by Transmission Type (Manual Transmission, Semi-Automatic and Automatic Transmission, Continuously Variable Transmission), by Vehicle Type (Passenger Vehicle, Commercial Vehicle) and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G9767B358315EN.html>

Date: July 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G9767B358315EN

Abstracts

Global Automotive Flywheel Market is valued at approximately USD 7.4 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 3.8% over the forecast period 2023-2030. The automotive flywheel is specifically designed for use in automotive applications, which store rotational energy and assist in the smooth operation and performance of the vehicle's engine and drivetrain. It consists of a heavy disc or wheel that is attached to a shaft and is used to smooth out the delivery of power from an engine or other power source. The Automotive Flywheel Market is being driven by factors such as increased manufacturing & sales of cars and an increase in demand for commercial vehicles.

The flywheel helps to maintain a constant speed and prevent fluctuations in torque, which can be especially important in applications in the automotive industry. According to the International Organization of Motor Vehicle Manufacturers total vehicle production in 2021 was 80,250,102 units and in 2022 was 8,50,16,728. Along with that increase production of commercial vehicles also driving the market, according to OICA, globally, 61,598,650 units of cars and 23,418,078 units of commercial vehicles were produced in the year 2022. In addition, in India 4,439,039 units of cars; in China 23,836,083 units of

cars; and in the U.S., 1,751,736 units of cars were produced in the year 2022. Thus rising production in vehicle production fueling the growth of the market. In addition to Development of lightweight vehicle components to enhance fuel efficiency and continuous technology improvement create lucrative opportunities for the market. However, Rise in the trend for repair rather than replacing the flywheel hinders the market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Automotive Flywheel Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market in 2022 owing to the increasing number of 2-3 wheeled vehicles and passenger cars. Asia Pacific is also considered the fastest growing region during the forecasted period due to surge in the demand for electric & hybrid vehicles and Governments and consumers in the Asia Pacific region are increasingly concerned about energy efficiency and sustainability. Flywheel technology aligns with these objectives by enabling energy recovery, reducing fuel consumption, and supporting a cleaner and greener transportation ecosystem.

Major market player included in this report are:

Aisin Corporation

AMS Automotive

EXEDY Globalparts Corp

Ford Motor Company

Pioneer Automotive Industries LLC

Schaeffler Technologies AG & Co. KG

Skyway Precision Inc.

SPEC Clutch, Inc.

Valeo S.A

ZF Friedrichshafen AG

Recent Developments in the Market:

In June 2021, Protean Electric and Local Motors announced the continuation of their strategic relationship with a new three-year agreement for U.S. \$7.3 million, in which Protean Electric would provide thousands of Protean Drive in-wheel motors to power Local Motors' Olli 2.0 electric autonomous shuttle. As a result, the demand for flywheels decreased, which is likely to impact the growth of the market.

Global Automotive Flywheel Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Distribution channel, Type, Transmission Type, Vehicle Type, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Distribution channel:

OEM

Aftermarket

By Type:

Single Mass

Dual Mass

By Transmission:

Manual Transmission

Semi-Automatic and Automatic Transmission

Continuously Variable Transmission

By Vehicle:

Passenger Vehicle

Commercial vehicle

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Automotive Flywheel Market, by Region, 2020-2030 (USD Billion)
 - 1.2.2. Automotive Flywheel Market, by Distribution channel, 2020-2030 (USD Billion)
 - 1.2.3. Automotive Flywheel Market, by Type, 2020-2030 (USD Billion)
 - 1.2.4. Automotive Flywheel Market, by Transmission Type, 2020-2030 (USD Billion)
 - 1.2.5. Automotive Flywheel Market, by Vehicle Type, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL AUTOMOTIVE FLYWHEEL MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Industry Evolution
 - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL AUTOMOTIVE FLYWHEEL MARKET DYNAMICS

- 3.1. Automotive Flywheel Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increased manufacturing & sales of cars
 - 3.1.1.2. Increase in demand for commercial vehicles.
 - 3.1.2. Market Challenges
 - 3.1.2.1. Rise in trend for repair rather than replacing the flywheel.
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Development of lightweight vehicle components to enhance fuel efficiency.
 - 3.1.3.2. Continuous technology improvement in Flywheel Technology

CHAPTER 4. GLOBAL AUTOMOTIVE FLYWHEEL MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL AUTOMOTIVE FLYWHEEL MARKET, BY DISTRIBUTION CHANNEL

- 5.1. Market Snapshot
- 5.2. Global Automotive Flywheel Market by Distribution channel, Performance - Potential Analysis
- 5.3. Global Automotive Flywheel Market Estimates & Forecasts by Distribution channel 2020-2030 (USD Billion)
- 5.4. Automotive Flywheel Market, Sub Segment Analysis
 - 5.4.1. OEM
 - 5.4.2. Aftermarket

CHAPTER 6. GLOBAL AUTOMOTIVE FLYWHEEL MARKET, BY TYPE

- 6.1. Market Snapshot
- 6.2. Global Automotive Flywheel Market by Type, Performance - Potential Analysis
- 6.3. Global Automotive Flywheel Market Estimates & Forecasts by Type 2020-2030 (USD Billion)

6.4. Automotive Flywheel Market, Sub Segment Analysis

6.4.1. Single Mass

6.4.2. Dual Mass

CHAPTER 7. GLOBAL AUTOMOTIVE FLYWHEEL MARKET, BY TRANSMISSION TYPE

7.1. Market Snapshot

7.2. Global Automotive Flywheel Market by Transmission Type, Performance - Potential Analysis

7.3. Global Automotive Flywheel Market Estimates & Forecasts by Transmission Type 2020-2030 (USD Billion)

7.4. Automotive Flywheel Market, Sub Segment Analysis

7.4.1. Manual Transmission

7.4.2. Semi-Automatic and Automatic Transmission

7.4.3. Continuously Variable Transmission

CHAPTER 8. GLOBAL AUTOMOTIVE FLYWHEEL MARKET, BY VEHICLE TYPE

8.1. Market Snapshot

8.2. Global Automotive Flywheel Market by Vehicle Type, Performance - Potential Analysis

8.3. Global Automotive Flywheel Market Estimates & Forecasts by Vehicle Type 2020-2030 (USD Billion)

8.4. Automotive Flywheel Market, Sub Segment Analysis

8.4.1. Passenger Vehicle

8.4.2. Commercial vehicle

CHAPTER 9. GLOBAL AUTOMOTIVE FLYWHEEL MARKET, REGIONAL ANALYSIS

9.1. Top Leading Countries

9.2. Top Emerging Countries

9.3. Automotive Flywheel Market, Regional Market Snapshot

9.4. North America Automotive Flywheel Market

9.4.1. U.S. Automotive Flywheel Market

9.4.1.1. Distribution channel breakdown estimates & forecasts, 2020-2030

9.4.1.2. Type breakdown estimates & forecasts, 2020-2030

9.4.1.3. Transmission Type breakdown estimates & forecasts, 2020-2030

9.4.1.4. Vehicle Type breakdown estimates & forecasts, 2020-2030

- 9.4.2. Canada Automotive Flywheel Market
- 9.5. Europe Automotive Flywheel Market Snapshot
 - 9.5.1. U.K. Automotive Flywheel Market
 - 9.5.2. Germany Automotive Flywheel Market
 - 9.5.3. France Automotive Flywheel Market
 - 9.5.4. Spain Automotive Flywheel Market
 - 9.5.5. Italy Automotive Flywheel Market
 - 9.5.6. Rest of Europe Automotive Flywheel Market
- 9.6. Asia-Pacific Automotive Flywheel Market Snapshot
 - 9.6.1. China Automotive Flywheel Market
 - 9.6.2. India Automotive Flywheel Market
 - 9.6.3. Japan Automotive Flywheel Market
 - 9.6.4. Australia Automotive Flywheel Market
 - 9.6.5. South Korea Automotive Flywheel Market
 - 9.6.6. Rest of Asia Pacific Automotive Flywheel Market
- 9.7. Latin America Automotive Flywheel Market Snapshot
 - 9.7.1. Brazil Automotive Flywheel Market
 - 9.7.2. Mexico Automotive Flywheel Market
- 9.8. Middle East & Africa Automotive Flywheel Market
 - 9.8.1. Saudi Arabia Automotive Flywheel Market
 - 9.8.2. South Africa Automotive Flywheel Market
 - 9.8.3. Rest of Middle East & Africa Automotive Flywheel Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Key Company SWOT Analysis
 - 10.1.1. Company
 - 10.1.2. Company
 - 10.1.3. Company
- 10.2. Top Market Strategies
- 10.3. Company Profiles
 - 10.3.1. Aisin Corporation
 - 10.3.1.1. Key Information
 - 10.3.1.2. Overview
 - 10.3.1.3. Financial (Subject to Data Availability)
 - 10.3.1.4. Product Summary
 - 10.3.1.5. Recent Developments
 - 10.3.2. AMS Automotive
 - 10.3.3. EXEDY Globalparts Corp

- 10.3.4. Ford Motor Company
- 10.3.5. Pioneer Automotive Industries LLC
- 10.3.6. Schaeffler Technologies AG & Co. KG
- 10.3.7. Skyway Precision Inc.
- 10.3.8. SPEC Clutch, Inc.
- 10.3.9. Valeo S.A
- 10.3.10. ZF Friedrichshafen AG

CHAPTER 11. RESEARCH PROCESS

- 11.1. Research Process
 - 11.1.1. Data Mining
 - 11.1.2. Analysis
 - 11.1.3. Market Estimation
 - 11.1.4. Validation
 - 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Automotive Flywheel Market, report scope

TABLE 2. Global Automotive Flywheel Market estimates & forecasts by Region 2020-2030 (USD Billion)

TABLE 3. Global Automotive Flywheel Market estimates & forecasts by Distribution channel 2020-2030 (USD Billion)

TABLE 4. Global Automotive Flywheel Market estimates & forecasts by Type 2020-2030 (USD Billion)

TABLE 5. Global Automotive Flywheel Market estimates & forecasts by Transmission Type 2020-2030 (USD Billion)

TABLE 6. Global Automotive Flywheel Market estimates & forecasts by Vehicle Type 2020-2030 (USD Billion)

TABLE 7. Global Automotive Flywheel Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8. Global Automotive Flywheel Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9. Global Automotive Flywheel Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10. Global Automotive Flywheel Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 11. Global Automotive Flywheel Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12. Global Automotive Flywheel Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13. Global Automotive Flywheel Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14. Global Automotive Flywheel Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 15. Global Automotive Flywheel Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 16. Global Automotive Flywheel Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 17. U.S. Automotive Flywheel Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 18. U.S. Automotive Flywheel Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 19. U.S. Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 20. Canada Automotive Flywheel Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 21. Canada Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 22. Canada Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 23. UK Automotive Flywheel Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 24. UK Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 25. UK Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 26. Germany Automotive Flywheel Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 27. Germany Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 28. Germany Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 29. France Automotive Flywheel Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 30. France Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 31. France Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 32. Italy Automotive Flywheel Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 33. Italy Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 34. Italy Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 35. Spain Automotive Flywheel Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 36. Spain Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 37. Spain Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 38. RoE Automotive Flywheel Market estimates & forecasts, 2020-2030 (USD

Billion)

TABLE 39. RoE Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 40. RoE Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 41. China Automotive Flywheel Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 42. China Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 43. China Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 44. India Automotive Flywheel Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 45. India Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 46. India Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 47. Japan Automotive Flywheel Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 48. Japan Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 49. Japan Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 50. South Korea Automotive Flywheel Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 51. South Korea Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 52. South Korea Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 53. Australia Automotive Flywheel Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 54. Australia Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 55. Australia Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 56. RoAPAC Automotive Flywheel Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 57. RoAPAC Automotive Flywheel Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 58. RoAPAC Automotive Flywheel Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 59. Brazil Automotive Flywheel Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 60. Brazil Automotive Flywheel Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. Brazil Automotive Flywheel Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 62. Mexico Automotive Flywheel Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 63. Mexico Automotive Flywheel Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. Mexico Automotive Flywheel Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 65. RoLA Automotive Flywheel Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 66. RoLA Automotive Flywheel Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. RoLA Automotive Flywheel Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 68. Saudi Arabia Automotive Flywheel Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 69. South Africa Automotive Flywheel Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 70. RoMEA Automotive Flywheel Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 71. List of secondary sources, used in the study of global Automotive Flywheel Market

TABLE 72. List of primary sources, used in the study of global Automotive Flywheel Market

TABLE 73. Years considered for the study

TABLE 74. Exchange rates considered

List of tables and figures are dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Automotive Flywheel Market, research methodology
 - FIG 2. Global Automotive Flywheel Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Automotive Flywheel Market, key trends 2022
 - FIG 5. Global Automotive Flywheel Market, growth prospects 2023-2030
 - FIG 6. Global Automotive Flywheel Market, porters 5 force model
 - FIG 7. Global Automotive Flywheel Market, pest analysis
 - FIG 8. Global Automotive Flywheel Market, value chain analysis
 - FIG 9. Global Automotive Flywheel Market by segment, 2020 & 2030 (USD Billion)
 - FIG 10. Global Automotive Flywheel Market by segment, 2020 & 2030 (USD Billion)
 - FIG 11. Global Automotive Flywheel Market by segment, 2020 & 2030 (USD Billion)
 - FIG 12. Global Automotive Flywheel Market by segment, 2020 & 2030 (USD Billion)
 - FIG 13. Global Automotive Flywheel Market by segment, 2020 & 2030 (USD Billion)
 - FIG 14. Global Automotive Flywheel Market, regional snapshot 2020 & 2030
 - FIG 15. North America Automotive Flywheel Market 2020 & 2030 (USD Billion)
 - FIG 16. Europe Automotive Flywheel Market 2020 & 2030 (USD Billion)
 - FIG 17. Asia pacific Automotive Flywheel Market 2020 & 2030 (USD Billion)
 - FIG 18. Latin America Automotive Flywheel Market 2020 & 2030 (USD Billion)
 - FIG 19. Middle East & Africa Automotive Flywheel Market 2020 & 2030 (USD Billion)
- List of tables and figures are dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Automotive Flywheel Market Size study & Forecast, by Distribution channel (OEM, Aftermarket), by Type (Single Mass, Dual Mass), by Transmission Type (Manual Transmission, Semi-Automatic and Automatic Transmission, Continuously Variable Transmission), by Vehicle Type (Passenger Vehicle, Commercial Vehicle) and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G9767B358315EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G9767B358315EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970