+44 20 8123 2220
info@marketpublishers.com

Passenger Car Automatic Transmission Market – Global Industry Size, Share, Trends Opportunity, and Forecast 2018-2028 Segmented By Vehicle Type (SUV, Sedan, Hatchback, MUV), By Fuel Type (Gasoline, Diesel, and Hybrid), By Type (Automatic Transmission/Torque Converter, Automated Manual Transmission, Continuously Variable Transmission, and Dual Clutch Transmission) By Region, Competition

https://marketpublishers.com/r/P64DF914E97FEN.html
Date: October 2023
Pages: 178
Price: US$ 4,900.00 (Single User License)
ID: P64DF914E97FEN

Abstracts

The Global Passenger Car Automatic Transmission Market size reached USD 68.8 billion in 2022 and is expected grow with a CAGR of 6.9% in the forecast period.

The Global Passenger Car Automatic Transmission Market is a pivotal component of the automotive industry, influenced by several key factors that collectively define its landscape and evolution.

Consumer Preference plays a central role in driving this market. Many consumers, particularly in regions like North America, Europe, and parts of Asia, exhibit a growing preference for vehicles equipped with automatic transmissions. This preference stems from the desire for smoother driving experiences, especially in congested urban traffic. Automatic transmissions' convenience and ease of use have solidified their position in the market, making them a popular choice among car buyers. Technological Advancements are continuously reshaping the automatic transmission landscape. Innovations encompass various transmission types, such as traditional torque converter automatics, dual-clutch transmissions (DCTs), and continuously variable transmissions

(CVTs). These advancements are geared toward enhancing fuel efficiency, driving comfort, and overall vehicle performance. Automakers and transmission manufacturers are investing heavily in research and development to introduce more efficient and responsive transmission technologies that cater to evolving consumer demands.

Emissions Regulations are another crucial driver. Stricter emissions regulations worldwide are compelling automakers to adopt automatic transmissions to optimize engine performance, reduce emissions, and comply with stringent environmental standards. Automatic transmissions are integral to achieving emissions reduction targets, particularly when integrated with hybrid and electric powertrains. Urbanization and Traffic Congestion have significantly contributed to the market's growth. Rapid urbanization in emerging economies has led to increased traffic congestion in cities. Automatic transmissions are favored in these environments for their convenience in stop-and-go traffic. As urbanization continues, the demand for automatic transmissions is expected to rise further, especially in densely populated regions.

Emerging Markets are witnessing substantial market expansion. Asia, Latin America, and Africa, in particular, are experiencing rising incomes and urbanization, which are driving consumers to choose automatic transmission-equipped vehicles. The growth of these emerging markets presents significant opportunities for automakers and transmission suppliers to penetrate new markets and cater to evolving consumer preferences.

In conclusion, the Global Passenger Car Automatic Transmission Market is shaped by consumer preference for convenience, ongoing technological advancements, stringent emissions regulations, the impact of urbanization and traffic congestion, and the burgeoning growth of emerging markets. These factors collectively define the market's landscape and propel its continued growth within the automotive sector.

Key Market Drivers

Consumer Preference for Convenience

Consumer demand for passenger cars equipped with automatic transmissions is a primary driver. Many car buyers prefer the convenience and ease of use offered by automatic transmissions, particularly in regions like North America, Europe, and parts of Asia. This preference has led to an increasing adoption of automatic transmissions in passenger vehicles.

+44 20 8123 2220
info@marketpublishers.com

Technological Advancements

Continuous advancements in automatic transmission technology are pivotal in shaping the market. These innovations encompass various transmission types, including traditional torque converter automatics, dual-clutch transmissions (DCTs), and continuously variable transmissions (CVTs). These technologies aim to enhance fuel efficiency, driving comfort, and overall vehicle performance, meeting the evolving demands of consumers.

Stricter Emissions Regulations

Stringent emissions regulations worldwide are driving automakers to adopt automatic transmissions as part of their strategy to optimize engine performance and reduce emissions. Automatic transmissions are integral to achieving emissions reduction targets, especially when integrated with hybrid and electric powertrains.

Urbanization and Traffic Congestion

Rapid urbanization in emerging economies has led to increased traffic congestion in cities. In this context, automatic transmissions are favored for their convenience in stop-and-go traffic. As more people migrate to urban areas, the demand for automatic transmissions is expected to rise further, particularly in densely populated regions.

Emerging Markets

Emerging markets in Asia, Latin America, and Africa are experiencing significant market expansion. Rising incomes and urbanization in these regions are driving consumers to choose automatic transmission-equipped vehicles. The growth of these markets presents substantial opportunities for automakers and transmission suppliers to tap into new consumer segments.

Fuel Efficiency and Performance

Automatic transmissions play a crucial role in improving fuel efficiency and vehicle performance. Advancements in transmission design and control systems help reduce energy losses and optimize power transfer. This is especially important in meeting fuel efficiency standards and delivering a satisfying driving experience.

+44 20 8123 2220
info@marketpublishers.com

Integration with Hybrid and Electric Powertrains

Automatic transmissions are becoming increasingly important in hybrid and electric vehicles (EVs). These transmissions are engineered to work in harmony with electric powertrains, enhancing overall vehicle efficiency and performance. This integration aligns with the global shift toward electrification.

Competitive Landscape

The competitive landscape of the automotive industry also drives the adoption of automatic transmissions. Automakers strive to differentiate their vehicles by offering advanced transmission options, such as DCTs and CVTs, to meet consumer preferences and stay competitive in the market.

The Global Passenger Car Automatic Transmission Market is influenced by consumer preference, technological advancements, emissions regulations, urbanization, emerging markets, fuel efficiency and performance requirements, integration with electrified powertrains, and the competitive landscape. These drivers collectively propel the market's growth and development within the automotive sector.

Key Market Challenges

Cost Considerations

One of the foremost challenges is the cost associated with automatic transmissions. These systems are typically more expensive to manufacture and repair than manual transmissions, which can affect vehicle affordability. Automakers must strike a balance between offering automatic transmissions and maintaining competitive pricing.

Fuel Efficiency and Emissions Standards

Meeting stringent fuel efficiency and emissions standards is a constant challenge. While automatic transmissions can enhance fuel efficiency, they must continuously evolve to comply with ever-tightening regulatory requirements. This includes the development of more efficient transmission designs and control systems.

Competition from Manual Transmissions

Manual transmissions still have a presence in some markets, and they are preferred by

+44 20 8123 2220
info@marketpublishers.com

a segment of consumers who value control and engagement in driving. The challenge lies in convincing these consumers to embrace automatic transmissions.

Electric and Hybrid Transitions

The shift toward electric and hybrid vehicles poses a challenge. Automatic transmissions need to be seamlessly integrated with these new powertrains while maintaining compatibility with internal combustion engines. This transition requires substantial investments in research and development.

Transmission Efficiency

Enhancing transmission efficiency remains a challenge. Automatic transmissions inherently have energy losses, which can impact fuel economy. Manufacturers must continue to innovate to minimize these losses and improve overall vehicle efficiency.

Durability and Reliability

Automatic transmissions are complex systems with numerous moving parts. Ensuring their long-term durability and reliability is a challenge. Failures or malfunctions can lead to costly repairs and impact consumer trust in the technology.

Perception of Performance

Some consumers associate manual transmissions with superior performance and driving engagement. Overcoming this perception and demonstrating that automatic transmissions can provide an equally enjoyable driving experience, especially in high-performance vehicles, is a challenge for automakers.

Adaptation to Emerging Markets

In emerging markets where manual transmissions are still prevalent, the challenge is to drive the adoption of automatic transmissions. This involves overcoming cultural and cost-related barriers and educating consumers about the benefits of automatic transmissions in congested urban environments.

In summary, the Global Passenger Car Automatic Transmission Market faces challenges related to cost, fuel efficiency, competition from manual transmissions, the transition to electric and hybrid vehicles, transmission efficiency, durability and

+44 20 8123 2220
info@marketpublishers.com

reliability, the perception of performance, and adaptation to emerging markets. Successfully addressing these challenges is essential for the continued growth and relevance of automatic transmissions in the automotive industry.

Key Market Trends

Shift Towards Electrification

A prominent trend is the integration of automatic transmissions into hybrid and electric vehicles. These transmissions are designed to optimize power transfer and enhance efficiency in electrified powertrains, contributing to the growth of electric vehicles (EVs).

Adoption of Dual-Clutch Transmissions (DCTs)

DCTs are gaining popularity, particularly in high-performance and luxury vehicles. Their ability to provide quick and precise gear changes enhances driving performance and fuel efficiency. Automakers are increasingly incorporating DCTs into their lineups.

Continuously Variable Transmissions (CVTs)

CVTs continue to be a trend, especially in compact and midsize passenger cars. CVTs offer smooth power delivery and improved fuel economy by providing an infinite number of gear ratios. Their adoption is expanding beyond traditional markets.

Advanced Transmission Control Systems

Technological advancements in transmission control systems are facilitating smarter and more efficient shifting. These systems can adapt to driving conditions and driver behavior, offering enhanced performance and fuel efficiency.

Fuel Efficiency Enhancement

Manufacturers are constantly working to improve the fuel efficiency of automatic transmissions. Innovations in transmission design and materials, as well as the use of advanced lubricants, are aimed at reducing energy losses and optimizing power transfer.

Compact and Lightweight Transmissions

+44 20 8123 2220
info@marketpublishers.com

Compact and lightweight automatic transmissions are becoming increasingly important in achieving fuel efficiency goals. These transmissions are designed to minimize the space they occupy while maintaining performance and reliability.

Transmission Downsizing

Downsizing is a trend in which automakers are opting for smaller, more efficient engines paired with automatic transmissions. Turbocharging and direct injection technologies complement this trend, reducing engine displacement without compromising performance.

Integration with Driver Assistance Systems

Automatic transmissions are being integrated with driver assistance systems, such as adaptive cruise control and semi-autonomous driving features. These transmissions can work in tandem with these technologies to optimize vehicle control and safety. In summary, the Global Passenger Car Automatic Transmission Market is witnessing trends related to electrification, the adoption of DCTs and CVTs, advanced transmission control systems, fuel efficiency enhancement, compact and lightweight transmissions, transmission downsizing, and integration with driver assistance systems. These trends reflect the industry's commitment to improving performance, efficiency, and the overall driving experience.

The global passenger car automatic transmission market has witnessed significant trends and developments in recent years. One prominent trend is the growing demand for automatic transmissions over manual ones. This shift can be attributed to the increasing preference for convenience and ease of driving, especially in congested urban areas. Automatic transmissions offer a smoother and more effortless driving experience, leading to a surge in their adoption worldwide.

Another noteworthy trend is the focus on improving fuel efficiency in automatic transmissions. Automakers are continually developing and integrating advanced transmission technologies, such as multi-speed and continuously variable transmissions (CVTs). These innovations aim to enhance fuel economy while maintaining the performance and comfort expected by consumers. Additionally, the incorporation of hybrid and electric powertrains in passenger cars has driven the development of specialized automatic transmissions tailored to these eco-friendly vehicles. The rise of electric vehicles (EVs) has also impacted the automatic transmission market. EVs typically use single-speed automatic transmissions or direct drive systems, eliminating

+44 20 8123 2220
info@marketpublishers.com

the need for traditional multi-speed transmissions. As EV adoption continues to grow, the market for traditional automatic transmissions may experience some reshaping.

Furthermore, the automotive industry is witnessing the emergence of advanced driver-assistance systems (ADAS) and autonomous driving technologies. These systems require sophisticated transmission solutions that can seamlessly integrate with sensors and computer systems to optimize vehicle control and safety.

The global passenger car automatic transmission market is evolving to meet the demands of consumers, regulators, and the automotive industry as a whole. The key trends include the shift towards automatic transmissions, a focus on fuel efficiency, adaptations for electric and hybrid vehicles, and the integration of transmission systems with advanced driver-assistance and autonomous technologies. These trends are shaping the future of the passenger car automatic transmission market

Segmental Insights

Segmentation by transmission type reveals key insights into market dynamics. Traditional torque converter automatic transmissions remain prevalent in many regions due to their reliability and familiarity. However, dual-clutch transmissions (DCTs) are gaining ground, particularly in high-performance and luxury vehicles, as they offer rapid gear changes and improved fuel efficiency. Continuously variable transmissions (CVTs) are preferred in compact and midsize passenger cars for their smooth power delivery and enhanced fuel economy. Segmentation by vehicle type highlights the preferences of different consumer segments. In this context, passenger cars dominate the market, reflecting the widespread adoption of automatic transmissions in this segment. However, automatic transmissions are also making inroads into other vehicle types, including SUVs, which are witnessing growing popularity worldwide. Moreover, the commercial vehicle segment, including buses and trucks, is exploring automatic transmissions to improve driver comfort and fuel efficiency.

Fuel type segmentation is increasingly relevant as the automotive industry undergoes electrification. Automatic transmissions are playing a vital role in hybrid and electric vehicles (EVs) by optimizing power transfer and enhancing efficiency. This segment underscores the importance of automatic transmissions in the transition to cleaner and more sustainable transportation options. Regional insights offer a nuanced view of market dynamics. In North America, automatic transmissions are the norm, with the United States leading in their adoption due to consumer preference for convenience. Europe exhibits a diverse landscape, with a strong presence of DCTs and CVTs,

+44 20 8123 2220
info@marketpublishers.com

especially in high-performance and fuel-efficient vehicles. Asia-Pacific, including markets like China and India, showcases robust growth, driven by consumer demand for automatic transmissions in urban settings. Latin America is witnessing a shift toward automatic transmissions in passenger cars, while the Middle East and Africa exhibit varying preferences across regions.

The market is segmented by technology and innovation, highlighting advancements in transmission control systems and materials. This segment includes compact and lightweight transmissions, downsizing strategies, and advanced lubricants designed to reduce energy losses and improve fuel efficiency. Additionally, the integration of automatic transmissions with driver assistance systems forms a notable segment, where technology enhances vehicle control and safety. In conclusion, segmental insights in the Global Passenger Car Automatic Transmission Market encompass transmission type, vehicle type, fuel type, regional dynamics, and technological innovations. These segments provide a comprehensive understanding of market trends and consumer preferences, guiding manufacturers and suppliers in meeting evolving demands and preferences across diverse categories.

Regional Insights

North America, particularly the United States, stands out as a robust market for automatic transmissions. Consumer preference for convenience has driven the widespread adoption of automatic transmissions in passenger cars. Torque converter automatics remain prevalent, but there is a growing interest in dual-clutch transmissions (DCTs) and continuously variable transmissions (CVTs). The market's focus on fuel efficiency and performance aligns with technological advancements. Europe exhibits a diverse landscape for automatic transmissions. DCTs have gained popularity, especially in high-performance and luxury vehicles, as they provide quick gear changes and improved fuel efficiency. CVTs are favored in compact and midsize passenger cars for their smooth power delivery and enhanced fuel economy. Europe's strict emissions standards have spurred innovations in transmission technology.

The Asia-Pacific region, including countries like China and India, is a high-growth market for automatic transmissions. Rapid urbanization and traffic congestion have driven consumer demand for automatic transmissions in urban settings. China, in particular, has witnessed significant adoption of automatic transmissions in passenger cars. Additionally, this region plays a pivotal role in the integration of automatic transmissions with hybrid and electric vehicles (EVs). Latin America is experiencing a gradual shift toward automatic transmissions, primarily in passenger cars. While manual

+44 20 8123 2220
info@marketpublishers.com

transmissions still have a presence, consumers are increasingly opting for the convenience of automatic transmissions. The market here is influenced by factors such as urbanization and changing consumer preferences.

The Middle East and Africa exhibit varying preferences for transmission types. The market dynamics are influenced by regional factors, including consumer preferences, road conditions, and infrastructure. Some regions favor manual transmissions, while others are gradually adopting automatic transmissions, particularly in passenger cars. In summary, regional insights in the Global Passenger Car Automatic Transmission Market reflect diverse market dynamics driven by consumer preferences, regulatory standards, and technological advancements. Each region presents unique opportunities and challenges for automakers and transmission suppliers, emphasizing the importance of a nuanced approach to cater to regional demands.

Key Market Players

Aisin Seiki Co Ltd

Allison Transmission Holdings

BorgWarner Inc.

Continental AG

Daimler AG

Delphi Automotive

Eaton Corporation PLC

Fiat Powertrain Technologies

Jatco Ltd.

Magna International Inc.

Report Scope:

In this report, the Global Passenger Car Automatic Transmission Market has been

+44 20 8123 2220
info@marketpublishers.com

segmented into the following categories, in addition to the industry trends which have also been detailed below:

Passenger Car Automatic Transmission Market, By Vehicle Type:

SUV

Sedan

Hatchback

MUV

Passenger Car Automatic Transmission Market, By Fuel Type:

Gasoline

Diesel

Hybrid

Passenger Car Automatic Transmission Market, By Type:

Automatic Transmission/Torque Converter

Automated Manual Transmission

Continuously Variable Transmission

Dual Clutch Transmission

Passenger Car Automatic Transmission Market, By Region:

North America

United States

Canada

+44 20 8123 2220
info@marketpublishers.com

- Mexico

Europe & CIS

- Germany
- Spain
- France
- Russia
- Italy
- United Kingdom
- Belgium

Asia-Pacific

- China
- India
- Japan
- Indonesia
- Thailand
- Australia
- South Korea

South America

- Brazil
- Argentina

+44 20 8123 2220
info@marketpublishers.com

Colombia

Middle East & Africa

Turkey

Iran

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Passenger Car Automatic Transmission Market.

Available Customizations:

Global Passenger Car Automatic Transmission Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

+44 20 8123 2220
info@marketpublishers.com

Contents

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

7. EUROPE & CIS PASSENGER CAR AUTOMATIC TRANSMISSION MARKET OUTLOOK

+44 20 8123 2220
info@marketpublishers.com

8. NORTH AMERICA PASSENGER CAR AUTOMATIC TRANSMISSION MARKET OUTLOOK

+44 20 8123 2220
info@marketpublishers.com

9. SOUTH AMERICA PASSENGER CAR AUTOMATIC TRANSMISSION MARKET OUTLOOK

+44 20 8123 2220
info@marketpublishers.com

10. MIDDLE EAST & AFRICA PASSENGER CAR AUTOMATIC TRANSMISSION MARKET OUTLOOK

+44 20 8123 2220
info@marketpublishers.com

11. SWOT ANALYSIS

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

15. STRATEGIC RECOMMENDATIONS

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Passenger Car Automatic Transmission Market – Global Industry Size, Share, Trends Opportunity, and Forecast 2018-2028 Segmented By Vehicle Type (SUV, Sedan, Hatchback, MUV), By Fuel Type (Gasoline, Diesel, and Hybrid), By Type (Automatic Transmission/Torque Converter, Automated Manual Transmission, Continuously Variable Transmission, and Dual Clutch Transmission) By Region, Competition

Product link: https://marketpublishers.com/r/P64DF914E97FEN.html

Price: US$ 4,900.00 (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/P64DF914E97FEN.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

Custumer signature _____

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

+44 20 8123 2220
info@marketpublishers.com

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