

Global Torque Converter Market Size Study & Forecast, by Transmission Type, Vehicle, and Regional Forecasts 2025–2035

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Abstracts

The Global Torque Converter Market is valued at approximately USD 9.25 billion in 2024 and is anticipated to expand at a promising CAGR of 5.78% during the forecast period from 2025 to 2035. As modern mobility pivots toward seamless efficiency and enhanced driving dynamics, torque converters have found renewed relevance in vehicle powertrain systems. These pivotal components serve as hydraulic bridges between engine and transmission, enabling smooth gear transitions and robust torque multiplication—particularly vital in automatic and hybrid transmissions. As global automotive design transitions toward sophistication, torque converters are being increasingly integrated into passenger cars and commercial fleets alike to meet evolving consumer expectations for comfort, durability, and performance.

Amidst rising demand for vehicles with automatic and hybrid drivetrains, torque converters have become indispensable for managing engine power delivery. With dual-clutch and continuously variable transmissions gaining momentum in both mature and emerging markets, manufacturers are reengineering converter designs to withstand higher torque loads while reducing parasitic losses. From clutch plates and dampers to stators and turbines, each component is undergoing substantial innovation aimed at achieving greater fuel economy and reduced emissions. Additionally, the aftermarket segment is showing strong potential, driven by rising global vehicle parc and the growing preference for cost-effective powertrain refurbishments.

Regionally, North America is poised to dominate the market share in 2025, owing to its widespread adoption of automatic transmissions in both passenger and heavy-duty vehicles. The region also benefits from a well-established aftermarket ecosystem and strong domestic manufacturing base. Meanwhile, Asia Pacific is expected to be the

fastest-growing market throughout the forecast window, led by burgeoning automobile production in China, India, and Southeast Asian nations. Rising consumer affluence, increasing penetration of automatic transmissions, and a growing shift toward hybrid vehicles are accelerating torque converter demand across the region. Europe remains a significant contributor as well, due to its robust commercial vehicle sector and stringent emission regulations that incentivize hybrid adoption.

Major market player included in this report are:

Aisin Corporation

Valeo SA

Schaeffler AG

EXEDY Corporation

ZF Friedrichshafen AG

BorgWarner Inc.

Sonnax Transmission Company

Transtar Industries Inc.

Dynamic Manufacturing, Inc.

Precision Torque Converters

JATCO Ltd.

Allison Transmission Holdings Inc.

Transtar Industries

TCI Automotive

Raybestos Powertrain

Global Torque Converter Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025–2035

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

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

Customization Scope – Free report customization (equivalent up to 8 analysts' 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 for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By Transmission Type:

Automatic Transmission (AT)

Continuously Variable Transmission (CVT)

Dual-Clutch Transmission (DCT)

By Component:

Clutch Plate

Damper

Impeller

Turbine

Stator

By Vehicle Type:

Passenger Car

Commercial Vehicle

By Hybrid Vehicle Type:

Hybrid Electric Vehicle (HEV)

Plug-in Hybrid Electric Vehicle (PHEV)

By Aftermarket:

OEM

Aftermarket

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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