

# Global Catalytic Converter Market Size Study & Forecast, by Type, Material, Vehicle Type, Aftermarket, and Regional Forecasts 2025-2035

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## Abstracts

Global Catalytic Converter Market is valued approximately at USD 67.66 billion in 2024 and is expected to flourish at a compound annual growth rate of over 8.10% during the forecast period 2025-2035. Catalytic converters, indispensable in today's automotive industry, are engineered to mitigate harmful emissions by converting toxic gases into environmentally benign substances before they exit the vehicle's exhaust system. With tightening emission regulations, soaring environmental consciousness, and the global push toward cleaner transportation, catalytic converters have transitioned from being merely mandated components to strategic innovations at the core of green automotive engineering. The combination of regulatory enforcement and customer demand for sustainable mobility solutions is accelerating the integration of advanced catalytic converter technologies across both OEM and aftermarket sectors.

The global market is being bolstered by increasing production of internal combustion engine (ICE) vehicles—especially in developing economies—combined with the resurgence of demand in the construction, agriculture, and heavy-duty commercial vehicle segments. While electrification is on the rise, ICE vehicles still dominate the roadways, and their environmental compliance hinges largely on efficient catalytic systems. Key technological strides, such as the application of lightweight rare-earth metals (like palladium and rhodium) and real-time emission tracking sensors, are elevating converter performance while reducing their environmental footprint. Simultaneously, a thriving aftermarket is driven by the need for periodic replacements due to wear, theft, and regulatory upgrades, particularly in older fleets.

Regionally, North America continues to command a substantial market share, underpinned by stringent emission mandates by the U.S. Environmental Protection

Agency (EPA), wide-scale vehicle usage, and established automotive infrastructure. Europe remains a strong contributor as well, fueled by Euro 6 and Euro 7 standards, along with the presence of leading automotive OEMs. Meanwhile, Asia Pacific is emerging as the fastest-growing market, driven by rapid motorization in countries like China and India, robust expansion in the commercial vehicle sector, and policy-led efforts to curb vehicular pollution. Increasing localization of manufacturing and the availability of lower-cost catalytic solutions are further amplifying growth in the region.

Major market players included in this report are:

Faurecia SA

Tenneco Inc.

Eberspacher Group

BASF SE

Johnson Matthey Plc

Continental AG

Umicore

Benteler International AG

Katcon Global

Bosal International

AP Emissions Technologies

Marelli Holdings Co., Ltd.

Futaba Industrial Co., Ltd.

Car Sound Exhaust System, Inc. (MagnaFlow)

Jetex Exhausts Ltd.

## Global Catalytic 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 Type:

FWCC (Four-Way Catalytic Converter)

TWCC (Three-Way Catalytic Converter)

SCR (Selective Catalytic Reduction)

DOC (Diesel Oxidation Catalyst)

LNT (Lean NOx Trap)

By Material:

Platinum

Palladium

Rhodium

By Vehicle Type:

Passenger Cars

Light Commercial Vehicles (LCV)

Buses & Trucks

Construction Vehicles

Agriculture & Mining Equipment

By Aftermarket:

OEM Replacement

Performance Upgrade

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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