

# **Automotive Camshaft Market Report by Manufacturing Technology (Cast Camshaft, Forged Steel Camshaft, Assembled Camshaft), Vehicle Type (Passenger Car, Light Commercial Vehicle, Heavy Commercial Vehicle), Distribution Channel (OEM, Aftermarket), and Region 2024-2032**

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## **Abstracts**

The global automotive camshaft market size reached US\$ 3.0 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 4.1 Billion by 2032, exhibiting a growth rate (CAGR) of 3.6% during 2024-2032.

A camshaft is a rod-like structure which controls the input of fuel and expulsion of exhaust fumes in an internal combustion engine. It is driven by the crankshaft and forms one of the most vital components which govern the overall performance of an engine. It is connected to the camshaft either directly, via a gear or through a timing belt. In certain types of engines, the camshaft also serves the purpose of driving the distributor as well as operating fuel injectors in early fuel injection systems.

The leading automotive companies such as BMW, Audi, Volkswagen and Mercedes-Benz are incorporating the variable valve (VVT) technology in their latest car models. This technology helps in improving engine performance by changing the duration of the opening and closing of valves during operations. In recent years, the demand for high-performance vehicles using VVT technology has led to a significant surge in the sales of camshafts across the globe. Apart from this, stringent automobile standards introduced by the governing authorities in various countries and the emerging trend of engine downsizing are also propelling the market growth. Moreover, on account of increasing investments in infrastructure development, particularly in developing countries, the

production of heavy motor vehicles has also increased. Therefore, the rising vehicle fleet size is anticipated to catalyze the demand for automotive camshaft. However, the growing popularity of motor-powered electric vehicles (EVs) represents one of the key factors that can hamper the market growth in the upcoming years.

IMARC Group's latest report provides a deep insight into the global automotive camshaft market covering all its essential aspects. This ranges from macro overview of the market to micro details of the industry performance, recent trends, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc. This report is a must-read for entrepreneurs, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the global automotive camshaft market in any manner.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global automotive camshaft market report, along with forecasts at the global and regional level from 2024-2032. Our report has categorized the market based on manufacturing technology, vehicle type and distribution channel.

#### Breakup by Manufacturing Technology:

- Cast Camshaft
- Forged Steel Camshaft
- Assembled Camshaft

#### Breakup by Vehicle Type:

- Passenger Car
- Light Commercial Vehicle
- Heavy Commercial Vehicle

#### Breakup by Distribution Channel:

- OEM
- Aftermarket

#### Breakup by Region:

- Asia Pacific

Europe

North America

Middle East and Africa

Latin America

#### Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Mahle GmbH, JD Norman Industries, Inc., Thyssenkrupp AG, Linamar Corporation, Estas Camshaft & Chilled Cast, Crance Cams Inc., Aichi Forge USA Inc., Engine Power Components Inc., Hirschvogel Holding GmbH, Kautex Textron GmbH & Co. KG, Shadbolt Cams, Comp Performance Group, Precision Camshafts Ltd., Varroc Group, Camshaft Machine Company, etc.

#### Key Questions Answered in This Report

1. How big is the global automotive camshaft market?
2. What is the expected growth rate of the global automotive camshaft market during 2024-2032?
3. What are the key factors driving the global automotive camshaft market?
4. What has been the impact of COVID-19 on the global automotive camshaft market?
5. What is the breakup of the global automotive camshaft market based on the manufacturing technology?
6. What is the breakup of the global automotive camshaft market based on the vehicle type?
7. What is the breakup of the global automotive camshaft market based on the distribution channel?
8. What are the key regions in the global automotive camshaft market?
9. Who are the key players/companies in the global automotive camshaft market?

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