

Global Turbocharger Market Research and Forecast, 2018-2023

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Abstracts

The turbocharger is a turbine-driven force induction device that increases an engine's efficiency and power by forcing extra air into the combustion chamber, utilizing the heat energy of exhaust gases. This increased amount of air over the naturally aspirated air into the combustion chamber increases. The three basic technologies used by the turbochargers are variable geometry turbochargers (VGT), Wastegate turbochargers and twin turbo. Each of these technologies has their own benefits. Increasing fuel prices has boosted the demand and sale for fuel-efficient vehicles. The increased adoption of innovative technologies such as gasoline direct injection engines and turbochargers helps in enhancing the fuel efficiency of vehicles. OEMs are also opting for fine tuning turbochargers to meet consumers' demands. The global turbocharger market is segmented on the basis of industry, technology, end-user, and engine type. Innovation should progress from developing new products to gain an advantage over present products more efficiently with new innovative techniques and processes. There are long-term opportunities which are boosting the market growth of global turbocharger market which includes advanced research and development for implementation turbochargers in gasoline engines and electric turbochargers.

Turbocharged vehicle sales are currently highest in Europe, at 67% (according to Honeywell International Inc. report) with this Europe becomes the major diesel passenger cars market followed by Asia-Pacific and North America. Various OEMs are introducing diesel turbocharged engines designed under various technologies in Europe. Thus, diesel turbocharged vehicles are driving the future of the Europe turbochargers market in the automotive industry. Growing trend of diesel passenger cars in Asia-Pacific and North America are the opportunities and future driver of global turbocharger market. The OEMs have introduced diesel powertrains and turbocharged diesel engines in the Asia-Pacific market which is driving the future of turbochargers in

the region.

To improve fuel efficiency and cut down on carbon emissions, the US Environmental Protection Agency (EPA) and the US Department of Transportation's National Highway Traffic Safety Administration (NHTSA) have endeavored jointly to fix the standards for MCVs (medium commercial vehicle) and HCVs (heavy commercial vehicle). Increasing the purchasing power of consumers and significant economic growth in emerging economies such as Brazil, Russia, India, and China (BRIC) is rising the demand for passenger cars. China has also been the significant automotive market over the past few years. Increased vehicle production and rising installation rate of turbochargers mainly driving China turbocharger market.

The key players of global turbocharger market include Honeywell International Inc., Bosch Mahle Turbo System, Mitsubishi Heavy Industries Ltd., BorgWarner Inc., Eaton Corporation PLC, Rotomaster International, Cummins Inc., Precision Turbo & Engine, and Continental AG. At present, the growth strategies that largely drives the market include product launch, merger & acquisition, and partnership & collaboration. Companies such as Continental AG and Cummins Inc., have launched new turbochargers to attract a greater number of customers and increase their profit share.

RESEARCH METHODOLOGY

The market study of the global turbocharger market is incorporated by extensive primary and secondary research conducted by the research team at OMR. Secondary research has been conducted to refine the available data to break down the market in various segments, derive total market size, market forecast, and growth rate. Different approaches have been worked on to derive the market value and market growth rate. Our team collects facts and data related to the market from different geography to provide a better regional outlook. In the report, the country level analysis is provided by analyzing various regional players, regional tax laws and policies, consumer behavior, and macroeconomic factors. Numbers extracted from secondary research have been authenticated by conducting proper primary research. It includes tracking down key people from the industry and interviewing them to validate the data. This enables our analyst to derive the closest possible figures without any major deviations in the actual number. Our analysts try to contact as many executives, managers, key opinion leaders, and industry experts. Primary research brings the authenticity of our reports.

SECONDARY SOURCES INCLUDE

Financial reports of companies involved in the market.

Whitepapers, research-papers, and news blogs.

An authentic database

Company websites and their product/ services catalog.

The report is intended for an automobile manufacturer, private companies and government organizations for overall market analysis and competitive analysis. The report provides in-depth analysis on market size, growth opportunity in the market, product types. The report will serve as a source for 360-degree analysis of the market thoroughly integrating different models delivering insights into the market for better business decisions.

THE REPORT COVERS

Comprehensive research methodology of global turbocharger market.

This report also includes a detailed and extensive market overview with analyst insights & key market trends.

An exhaustive analysis of macro and micro factors influencing the market guided by key recommendations.

Analysis of regional regulations and other government policies impacting the global turbocharger market.

Insights about market determinants which are stimulating the global turbocharger market.

Detailed and extensive market segments with regional distribution of forecasted revenues.

Extensive profiles and recent developments of market players.

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