

Technology Landscape, Trends and Opportunities in the Global Automotive Turbocharger Market

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Abstracts

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The technologies in automotive turbocharger have undergone significant change in recent years, with exhaust gas turbocharger t%li%low exhaust emission turbocharger. The rising wave of new technology, such as Variable Geometry Turbocharger (VGT) is creating significant potential for the automotive turbocharger due t%li%low emission of exhaust, the lower volumetric displacement of the turb%li%engine, frictional, and lesser the thermal losses.

In automotive turbocharger market, various technologies are used which include variable geometry turbocharger (VGT) / variable nozzle turbocharger (VNT), wastegate, and twin turbo. Increasing trends towards engine downsizing, stringent government emission norms for fuel efficiency, growth in vehicle production, and consumer concerns about fuel efficiency are creating opportunities for various automotive turbocharger technologies.

This report analyzes technology maturity, degree of disruption, competitive intensity, market potential, and other parameters of various technologies in the automotive turbocharger market. Some insights are depicted below by a sample figure. For more details on figures, the companies researched, and other objectives/benefits on this research report, please download the report brochure.

The study includes technology readiness, competitive intensity, regulatory compliance, disruption potential, trends, forecasts and strategic implications for the global automotive turbocharger technology by application, technology, and region as follows:

Technology Readiness by Technology Type

Competitive Intensity and Regulatory Compliance

Disruption Potential by Technology Type

Trends and Forecasts by Technology Type [\$M shipment analysis from 2018 t%li%2030]:

Variable Geometry Turbocharger (VGT) / Variable Nozzle Turbocharger (VNT)

Wastegate

Twin turbo

Trends and Forecasts by Application [\$M shipment analysis from 2018 t%li%2030]:

Passenger Cars

Variable Geometry Turbocharger (VGT) / Variable Nozzle Turbocharger (VNT)

Wastegate

Twin turbo

Light Commercial Vehicles

Variable Geometry Turbocharger (VGT) / Variable Nozzle Turbocharger (VNT)

Wastegate

Twin turbo

Heavy Commercial Vehicles

Variable Geometry Turbocharger (VGT) / Variable Nozzle Turbocharger (VNT)

Wastegate

Twin turbo

Trends and Forecasts by Region [\$M shipment analysis for 2018 to 2030]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

Japan

China

South Korea

India

The Rest of the World

Latest Developments and Innovations in the Automotive Turbocharger Technologies

Companies / Ecosystems

Strategic Opportunities by Technology Type

Some of the automotive turbocharger companies profiled in this report include Borgwarner, Honeywell International, Mitsubishi Heavy Industries, IHI Corporation, Continental, and Cummins.

This report answers following 9 key questions:

Q.1 What are some of the most promising and high-growth technology opportunities for the automotive turbocharger market?

Q.2 Which technology will grow at a faster pace and why?

Q.3 What are the key factors affecting dynamics of different technologies? What are the drivers and challenges of these technologies in automotive turbocharger market?

Q.4 What are the levels of technology readiness, competitive intensity and regulatory compliance in this technology space?

Q.5 What are the business risks and threats to these technologies in automotive turbocharger market?

Q.6 What are the latest developments in automotive turbocharger technologies? Which companies are leading these developments?

Q.7 Which technologies have potential of disruption in this market?

Q.8 Who are the major players in this automotive turbocharger market? What strategic initiatives are being implemented by key players for business growth?

Q.9 What are strategic growth opportunities in this automotive turbocharger technology space?

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