+44 20 8123 2220
info@marketpublishers.com

Global Turbocharger Market: Analysis By Engine Type (Gasoline, Diesel And Hybrid), By Technology (Variable Geometry Technology, Twin Turbo Technology, Wastegate Technology And Others), By Distribution Channel (Original Equipment Manufacturer And Aftermarket), By Vertical (Aerospace & Defense, Automotive, Marine And Agriculture & Construction), By Region Size And Trends With Impact Of COVID-19 And Forecast Up To 2027

https://marketpublishers.com/r/GF773956BFD8EN.html
Date: November 2022
Pages: 149
Price: US$ 2,250.00 (Single User License)
ID: GF773956BFD8EN

Abstracts

The global turbocharger market in 2021 was valued at US$16.55 billion. The market value is expected to reach US$24.38 billion by 2027. A turbocharger is a device fitted to a vehicle's engine that is designed to improve the overall efficiency and increase performance. In a combustion engine, air, fuel and spark combine to create an explosion which creates power to turn the engine.

Turbochargers do not require additional engine power to run as they are driven by exhaust gases that would otherwise go to waste. The engine size can be reduced in a turbocharged engine leading to better packaging, weight saving benefits and overall improved fuel economy. The market is expected to grow at a CAGR of 6.76% during the forecast period of 2022-2027.

Market Segmentation Analysis:

By Engine Type: The report provides the bifurcation of the market into three segments based on the engine type: gasoline, diesel and hybrid. In 2021, gasoline segment held a major share in the market. On the other hand, the hybrid segment is expected to grow at a significant CAGR in the forthcoming years owing to the increasing trend of emission reduction along with increased engine economy.

By Technology: The report provides the bifurcation of the market into four segments based on the technology: Variable geometry technology, twin turbo technology, wastegate technology and others. In 2021, variable geometry technology segment held a major share in the market. This was being followed by twin turbo technology segment. Emission regulations across the globe have generated demand for downsized and down-speeded turbocharging systems for application in small and medium-sized vehicles. This factor has increasingly endorsed the preference for variable geometry technology in turbochargers.

By Distribution Channel: The report provides the bifurcation of the market into two segments based on the distribution channel: original equipment manufacturer and aftermarket. In 2021, original equipment manufacturer segment held a major share in the market. This was being followed by aftermarket segment. Original equipment manufacturers (OEMs) are implementing engine-downsizing tactics to maximize vehicle fuel efficiency as a result of the increasing adoption of rigorous automobile emission standards around the world. The large scale production of vehicles in different categories such as commercial and passenger vehicles with increasing emphasis on fuel efficiency is expected to aid the growth of original equipment manufacturer segment.

By Vertical: The report provides the bifurcation of the market into four segments based on the vertical: aerospace & defense, automotive, marine and agriculture & construction. In 2021, aerospace & defense segment held a major share of in the market. This was being followed by automotive segment. Turbochargers used in aviation increases the density of the intake gas, allowing for more power. Factors such as increase in air passenger traffic across the globe, surge in demand for fuel-efficient and downsized engine and increased public investment in defense aircrafts by nations across the world are expected to propel the aircraft and defense turbocharger market in the coming years.

By Region: The report provides insight into the turbocharger market based on the geographical operations, namely North America, Europe, Asia Pacific, and Latin America, Middle East & Africa (LAMEA). Asia Pacific held the major share in the market, owing to increasing per capita income and stringent government regulations in this region.

Within North America, the US is leading the market, due to increasing awareness about technology and emission regulations. Whereas, in the Europe region, Germany is dominating the market due to strict pollution control rules and restrictions on high emissions.

Market Dynamics:

Growth Drivers: One of the most important factors impacting the global turbocharger market is improved engine performance and improved fuel efficiency. Furthermore, the stringent regulations is driving the turbocharger market. Growing concerns regarding air quality and greenhouse emissions across various regions have compelled manufacturers to focus heavily on technological advancements to control emission from automotive turbochargers as the government authorities have been imposing stringent regulations to curb emissions. Furthermore, the market has been growing over the past few years, due to factors such as rapid urbanization, increased disposable income, increasing penetration of turbochargers in diesel vehicles and many other factors.

Challenges: However, the market has been confronted with some challenges specifically, turbocharger installation & high maintenance costs, etc.

Trends: The market is projected to grow at a fast pace during the forecast period, due to various latest trends such as the increasing adoption of electric turbochargers, rising popularity of variable geometry turbocharging, etc. Emission regulations across the globe have generated demand for downsized and down-speeded turbocharging systems for application in small and medium-sized vehicles. This factor has increasingly endorsed the preference for variable geometry technology in turbochargers Besides, next generation technologies is expected to propel the turbocharger market during forecasted years.

Impact Analysis of COVID-19 and Way Forward:

The novel coronavirus pandemic and the resulting lockdowns have negatively impacted numerous manufacturing and service industries by hampering both the supply-side and demand-side supply chains. The turbocharger market, too, was affected greatly due to the pandemic and lockdowns. The virtual halt on the manufacturing of automobiles during the pandemic drastically brought down the supply of the vehicles, while the travel restrictions brought down the demand for automobiles. This dual shock faced by the automobile industry, in turn, negatively affected the turbocharger market during the pandemic.

Automobile companies have been bearing the brunt of the coronavirus pandemic. New wave in India, China, and the U.K. is compelling stakeholders in the turbocharger market to adopt contingency planning in order to tide over business uncertainties.

Competitive Landscape:

The turbocharger market is consolidated market, where, Honeywell technology, Borgwarner and IHI are major market players.

The key players in the global turbocharger market are:

- ABB GroupMondi plc
- Cummins Inc.
- Eaton Corporation plc
- Wabtec Corporation (Precision And Turbo Inc.)
- BorgWarner Inc.
- Cardone (Rotomaster)
- Mitsubishi Heavy Industries Ltd
- IHI Corporation
- Continental AG
- Turbo Dynamics Limited
- Honeywell International Inc.
- FountainVest Partners (Bosch Mahle Turbo Systems)

Some of the strategies among key players in the market for turbocharger market are mergers, acquisitions, and collaborations. For instance, in 2022, BorgWarner Inc. and Hubei Surpass Sun Electric (SSE) announced that they have entered into an Equity Transfer Agreement under which BorgWarner has agreed to acquire the Electric Vehicle Solution. Whereas, Honeywell International Inc., announced a new, innovative ethanol-to-jet fuel (ETJ) processing technology that allows producers to convert corn-based, cellulosic, or sugar-based ethanol into sustainable aviation fuel (SAF).?

+44 20 8123 2220
info@marketpublishers.com

Contents

1. EXECUTIVE SUMMARY

2. INTRODUCTION

2.1 Turbocharger: An Overview
  2.1.1 Definition of Turbocharger
2.2 Turbocharger Segmentation: An Overview
  2.2.1 Turbocharger Segmentation

3. GLOBAL MARKET ANALYSIS

3.1 Global Turbocharger Market: An Analysis
  3.1.1 Global Turbocharger Market: An Overview
  3.1.2 Global Turbocharger Market by Value
  3.1.3 Global Turbocharger Market by Engine Type (Gasoline, Diesel And Hybrid)
  3.1.4 Global Turbocharger Market by Technology (Variable Geometry Technology, Twin Turbo Technology, Wastegate Technology And Others)
  3.1.5 Global Turbocharger Market by Distribution Channel (Original Equipment Manufacturer And Aftermarket)
  3.1.6 Global Turbocharger Market by Vertical (Aerospace & Defense, Automotive, Marine And Agriculture & Construction)
  3.1.7 Global Turbocharger Market by Region (Asia Pacific, North America, Europe and LAMEA)
3.2 Global Turbocharger Market: Engine Type Analysis
  3.2.1 Global Turbocharger Market by Engine Type : An Overview
  3.2.2 Global Gasoline Turbocharger Market by Value
  3.2.3 Global Diesel Turbocharger Market by Value
  3.2.4 Global Hybrid Turbocharger Market by Value
3.3 Global Turbocharger Market: Technology Analysis
  3.3.1 Global Turbocharger Market By Technology: An Overview
  3.3.2 Global Variable Geometry Technology Turbocharger Market By Value
  3.3.3 Global Twin Turbo Technology Turbocharger Market By Value
  3.3.4 Global Wastegate Technology Turbocharger Market By Value
  3.3.5 Global Others Technology Turbocharger Market By Value
3.4 Global Turbocharger Market: Distribution Channel Analysis
  3.4.1 Global Turbocharger Market By Distribution Channel: An Overview
  3.4.2 Global Turbocharger Original Equipment Manufacturer Market By Value

3.4.3 Global Turbocharger Aftermarket Market By Value
3.5 Global Turbocharger Market: Vertical Analysis
3.5.1 Global Turbocharger Market By Vertical: An Overview
3.5.2 Global Aerospace Turbocharger Market By Value
3.5.3 Global Automotive Turbocharger Market By Value
3.5.4 Global Marine Turbocharger Market By Value
3.5.5 Global Agriculture & Construction Turbocharger Market By Value

4. REGIONAL MARKET ANALYSIS

4.1 Asia Pacific Turbocharger Market: An Analysis
4.1.1 Asia Pacific Turbocharger Market: An Overview
4.1.2 Asia Pacific Turbocharger Market by Value
4.1.3 Asia Pacific Turbocharger Market by Region (China, Japan, India, South Korea and Rest of Asia Pacific)
4.1.4 China Turbocharger Market by Value
4.1.5 Japan Turbocharger Market by Value
4.1.6 India Turbocharger Market by Value
4.1.7 South Korea Turbocharger Market by Value
4.1.8 Rest of Asia Pacific Turbocharger Market by Value
4.2 North America Turbocharger Market: An Analysis
4.2.1 North America Turbocharger Market: An Overview
4.2.2 North America Turbocharger Market by Value
4.2.3 North America Turbocharger Market by Region (The US, Mexico, and Canada)
4.2.4 The US Turbocharger Market by Value
4.2.5 Canada Turbocharger Market by Value
4.2.6 Mexico Turbocharger Market by Value
4.3 Europe Turbocharger Market: An Analysis
4.3.1 Europe Turbocharger Market: An Overview
4.3.2 Europe Turbocharger Market by Value
4.3.3 Europe Turbocharger Market by Region (UK, Germany, France and Rest of Europe)
4.3.4 Germany Turbocharger Market by Value
4.3.5 United Kingdom Turbocharger Market by Value
4.3.6 France Turbocharger Market by Value
4.3.7 Rest of Europe Turbocharger Market by Value
4.4 LAMEA Turbocharger Market: An Analysis
4.4.1 LAMEA Turbocharger Market: An Overview
4.4.2 LAMEA Turbocharger Market by Value

+44 20 8123 2220
info@marketpublishers.com

5. IMPACT OF COVID-19

5.1 Impact of COVID-19
  5.1.1 Impact of COVID-19 on Turbocharger Market
  5.1.2 Impact of COVID-19 on Motor Vehicle Production
  5.1.3 Post COVID-19 Impact on Turbocharger Market

6. MARKET DYNAMICS

6.1 Growth Drivers
  6.1.1 Increasing Per Capita Income
  6.1.2 Rapid Urbanization
  6.1.3 Improved Engine Performance
  6.1.4 Improved Fuel Efficiency
  6.1.5 Increasing Penetration of Turbochargers in Diesel Vehicles
  6.1.6 Stringent Regulations
6.2 Challenges
  6.2.1 Turbocharger Installation & High Maintenance Costs
6.3 Market Trends
  6.3.1 Variable Geometry Turbocharging
  6.3.2 Next Generation Technologies
  6.3.3 Increasing Adoption of Electric Turbochargers

7. COMPETITIVE LANDSCAPE

7.1 Global Turbocharger Players by Market Share

8. COMPANY PROFILES

8.1 ABB Group
  8.1.1 Business Overview
  8.1.2 Operating Business Areas
  8.1.3 Business Strategy
8.2 Cummins Inc.
  8.2.1 Business Overview
  8.2.2 Operating Segment
  8.2.3 Business Strategy
8.3 Eaton Corporation plc

+44 20 8123 2220
info@marketpublishers.com

8.3.1 Business Overview
8.3.2 Business Segment
8.3.3 Business Strategy
8.4 Wabtec Corporation (Precision And Turbo Inc.)
8.4.1 Business Overview
8.4.2 Operating Business Segment
8.4.3 Business Strategy
8.5 BorgWarner Inc.
8.5.1 Business Overview
8.5.2 Operating Segment
8.5.3 Business Strategy
8.6 Mitsubishi Heavy Industries Ltd
8.6.1 Business Overview
8.6.2 Operating Segments
8.6.3 Business Strategy
8.7 IHI Corporation
8.7.1 Business Overview
8.7.2 Operating Business Segment
8.7.3 Business Strategy
8.8 Continental AG
8.8.1 Business Overview
8.8.2 Operating Segment
8.8.3 Business Strategy
8.9 Honeywell International Inc.
8.9.1 Business Overview
8.9.2 Operating Segment
8.9.3 Business Strategy
8.10 Turbo Dynamics Limited
8.10.1 Business Overview
8.11 FountainVest Partners (Bosch Mahle Turbo Systems)
8.11.1 Business Overview
8.11.2 Business Strategy
8.12 Cardone (Rotomaster)
8.12.1 Business Overview
8.12.2 Business Strategy

+44 20 8123 2220
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1: Applications of Turbocharger
Figure 2: Turbocharger Segmentation
Figure 3: Global Turbocharger Market by Value; 2017-2021 (US$ Billion)
Figure 4: Global Turbocharger Market by Value; 2022-2027 (US$ Billion)
Figure 5: Global Turbocharger Market by Engine Type ; 2021 (Percentage, %)
Figure 6: Global Turbocharger Market by Technology; 2021 (Percentage, %)
Figure 7: Global Turbocharger Market by Distribution Channel; 2021 (Percentage, %)
Figure 8: Global Turbocharger Market by Vertical; 2021 (Percentage, %)
Figure 9: Global Turbocharger Market by Region; 2021 (Percentage, %)
Figure 10: Global Gasoline Turbocharger Market by Value; 2017-2021 (US$ Billion)
Figure 11: Global Gasoline Turbocharger Market by Value; 2022-2027 (US$ Billion)
Figure 12: Global Diesel Turbocharger Market by Value; 2017-2021 (US$ Billion)
Figure 13: Global Diesel Turbocharger Market by Value; 2022-2027 (US$ Billion)
Figure 14: Global Hybrid Turbocharger Market by Value; 2017-2021 (US$ Billion)
Figure 15: Global Hybrid Turbocharger Market by Value; 2022-2027 (US$ Billion)
Figure 16: Global Variable Geometry Technology Turbocharger Market By Value; 2017-2021 (US$ Billion)
Figure 17: Global Variable Geometry Technology Turbocharger Market By Value; 2022-2027 (US$ Billion)
Figure 18: Global Twin Turbo Technology Turbocharger Market By Value; 2017-2021 (US$ Billion)
Figure 19: Global Twin Turbo Technology Turbocharger Market By Value; 2022-2027 (US$ Billion)
Figure 20: Global Wastegate Technology Turbocharger Market By Value; 2017-2021 (US$ Billion)
Figure 21: Global Wastegate Technology Turbocharger Market By Value; 2022-2027 (US$ Billion)
Figure 22: Global Others Technology Turbocharger Market By Value; 2017-2021 (US$ Billion)
Figure 23: Global Others Technology Turbocharger Market By Value; 2022-2027 (US$ Billion)
Figure 24: Global Turbocharger Original Equipment Manufacturer Market By Value; 2017-2021 (US$ Billion)
Figure 25: Global Turbocharger Original Equipment Manufacturer Market By Value; 2022-2027 (US$ Billion)

+44 20 8123 2220
info@marketpublishers.com

Figure 26: Global Turbocharger Aftermarket Market By Value; 2017-2021 (US$ Billion)
Figure 27: Global Turbocharger Aftermarket Market By Value; 2022-2027 (US$ Billion)
Figure 28: Global Aerospace Turbocharger Market By Value; 2017-2021 (US$ Billion)
Figure 29: Global Aerospace Turbocharger Market By Value; 2022-2027 (US$ Billion)
Figure 30: Global Automotive Turbocharger Market By Value; 2017-2021 (US$ Billion)
Figure 31: Global Automotive Turbocharger Market By Value; 2022-2027 (US$ Billion)
Figure 32: Global Marine Turbocharger Market By Value; 2017-2021 (US$ Billion)
Figure 33: Global Marine Turbocharger Market By Value; 2022-2027 (US$ Billion)
Figure 34: Global Agriculture & Construction Turbocharger Market By; 2017-2021 (US$ Billion)
Figure 35: Global Agriculture & Construction Turbocharger Market By Value; 2022-2027 (US$ Billion)
Figure 36: Asia Pacific Turbocharger Market by Value; 2017-2021 (US$ Billion)
Figure 37: Asia Pacific Turbocharger Market by Value; 2022-2027 (US$ Billion)
Figure 38: Asia Pacific Turbocharger Market by Region; 2021 (Percentage, %)
Figure 39: China Turbocharger Market by Value, 2017-2021 (US$ Billion)
Figure 40: China Turbocharger Market by Value; 2022-2027 (US$ Billion)
Figure 41: Japan Turbocharger Market by Value; 2017-2021 (US$ Million)
Figure 42: Japan Turbocharger Market by Value; 2022-2027 (US$ Billion)
Figure 43: India Turbocharger Market by Value; 2017-2021 (US$ Million)
Figure 44: India Turbocharger Market by Value; 2022-2027 (US$ Million)
Figure 45: South Korea Turbocharger Market by Value; 2017-2021 (US$ Million)
Figure 46: South Korea Turbocharger Market by Value; 2022-2027 (US$ Million)
Figure 47: Rest of Asia Pacific Turbocharger Market by Value; 2017-2021 (US$ Million)
Figure 48: Rest of Asia Pacific Turbocharger Market by Value; 2022-2027 (US$ Billion)
Figure 49: North America Turbocharger Market by Value; 2017-2021 (US$ Billion)
Figure 50: North America Turbocharger Market by Value; 2022-2027 (US$ Billion)
Figure 51: North America Turbocharger Market by Region; 2021 (Percentage, %)
Figure 52: The US Turbocharger Market by Value; 2017-2021 (US$ Billion)
Figure 53: The US Turbocharger Market by Value; 2022-2027 (US$ Billion)
Figure 54: Canada Turbocharger Market by Value; 2017-2021 (US$ Million)
Figure 55: Canada Turbocharger Market by Value; 2022-2027 (US$ Million)
Figure 56: Mexico Turbocharger Market by Value; 2017-2021 (US$ Million)
Figure 57: Mexico Turbocharger Market by Value; 2022-2027 (US$ Million)
Figure 58: Europe Turbocharger Market by Value; 2017-2021 (US$ Billion)
Figure 59: Europe Turbocharger Market by Value; 2022-2027 (US$ Billion)
Figure 60: Europe Turbocharger Market by Region; 2021 (Percentage, %)
Figure 61: Germany Turbocharger Market by Value; 2017-2021 (US$ Million)
Figure 62: Germany Turbocharger Market by Value; 2022-2027 (US$ Million)

+44 20 8123 2220
info@marketpublishers.com

Figure 63: United Kingdom Turbocharger Market by Value; 2017-2021 (US$ Million)
Figure 64: United Kingdom Turbocharger Market by Value; 2022-2027 (US$ Million)
Figure 65: France Turbocharger Market by Value; 2017-2021 (US$ Million)
Figure 66: France Turbocharger Market by Value; 2022-2027 (US$ Million)
Figure 67: Rest of Europe Turbocharger Market by Value; 2017-2021 (US$ Billion)
Figure 68: Rest of Europe Turbocharger Market by Value; 2022-2027 (US$ Billion)
Figure 69: LAMEA Turbocharger Market by Value; 2017-2021 (US$ Billion)
Figure 70: LAMEA Turbocharger Market by Value; 2022-2027 (US$ Billion)
Figure 71: Global Motor Vehicle Production; 2019-2021 (Million)
Figure 72: Global GDP per capita (current US$); 2017-2021 (US$ Million)
Figure 73: Global Urban Population; 2016-2021 (Billion)
Figure 74: Global Turbocharger Players by Market Share; 2021 (Percentage, %)
Figure 75: ABB Group Revenues by Business Areas; 2021 (Percentage, %)
Figure 76: Cummins Inc. Sales by Operating Segment; 2021 (Percentage, %)
Figure 77: Eaton Corporation plc Net Sales by Business Segment; 2021 (Percentage, %)
Figure 78: Wabtec Corporation Net Sales by Business Segments; 2021 (Percentage, %)
Figure 79: BorgWarner Inc. Net Sales by Operating Segments; 2021 (Percentage, %)
Figure 80: Mitsubishi Heavy Industries Revenue by Segment; 2020 (Percentage, %)
Figure 81: IHI Corporation Net Sales by Business Segment; 2020 (Percentage, %)
Figure 82: Continental AG Sales by Operating Segment; 2021 (Percentage, %)
Figure 83: Honeywell International Inc. Net Sales by Segment; 2021 (Percentage, %)

I would like to order

Product name: Global Turbocharger Market: Analysis By Engine Type (Gasoline, Diesel And Hybrid), By Technology (Variable Geometry Technology, Twin Turbo Technology, Wastegate Technology And Others), By Distribution Channel (Original Equipment Manufacturer And Aftermarket), By Vertical (Aerospace & Defense, Automotive, Marine And Agriculture & Construction), By Region Size And Trends With Impact Of COVID-19 And Forecast Up To 2027

Product link: https://marketpublishers.com/r/GF773956BFD8EN.html

Price: US$ 2,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GF773956BFD8EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature ___________________________

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms

+44 20 8123 2220
info@marketpublishers.com

& Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970