

## **Automotive Turbocharger Market Forecast to 2030**

Market Report | 2023-05-10 | 107 pages | Market Research Future

### **AVAILABLE LICENSES:**

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### **Report description:**

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#### Market Overview

The transition to natural petrol is being driven by the new trend of lighter engines in commercial vehicles. These are the main factors driving the industry and accelerating market expansion due to the increasing imposition of strict automobile emission rules internationally. Due to their low CO2 emissions and excellent performance, diesel engines have become the preferred fuel type for automobile manufacturers. On the other hand, modern petrol-powered automobiles are popular and have improved at providing similar benefits, thus the share of new registrations powered by diesel has been steadily declining for some years. During the anticipated years, it is anticipated that this tendency will increase market CAGR.

#### Segment Overview

The Automotive Turbocharger Market offers three different types of insights: Type, Application, and Regional.

The market was led by the gasoline segment, and as was already noted, demand is anticipated to be driven by the quick implementation of Turbocharged Gasoline Direct Injection Engines (TGDI) in gasoline-powered vehicles.

Passenger automobiles and commercial vehicles are also included in the Automotive Turbocharger Segmenting the market based on application. The market was dominated by the passenger vehicle category.

The analysis offers market insights for the rest of the world, Europe, North America, and Asia-Pacific by region. This market will be dominated by the North American automobile turbocharger market.

#### Regional Analysis

Due to the fact that the current auto industry is dominated by fuel efficiency and economy, which are in turn influenced by EU laws on fuel efficiency and emissions standards, Europe holds the second-largest share of the market for automotive turbochargers. Also, the UK automotive turbocharger sales increased at the quickest rate in the European Region, while the German automotive turbocharged industry had the largest market share.

From 2018 to 2030, the automotive turbocharger market in Asia-Pacific is anticipated to expand at the quickest CAGR. This is supplemented by rising car manufacturing levels in Asian economies. Also, the Indian automotive turbocharger industry had the

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Asia-Pacific region's quickest rate of growth and China's automotive turbocharger marketplace had the greatest market share.

#### Major Players

IHI Corporation (Japan), Precision Turbo and Engine (U.S.), Fengcheng Xindongli Turbocharger Co. Ltd. (China), Bosch Mahle (Germany), Mitsubishi Heavy Industries Ltd. (Japan), BorgWarner Inc. (U.S.), Continental AG (Germany), Cummins (U.S.), Honeywell International Inc. (U.S.), and Bullseye Power LLC are just a few of the companies in the autonomous turbocharger market (U.S.)

#### COVID 19 Impacts

The COVID-19 epidemic had an impact on the sector because it forced companies to shut down production lines and weakened the economy. There were hardly any vehicle transfers, thus there were no new standards for spare turbochargers to be fitted in existing vehicles or for new turbochargers to be placed in new vehicles.

With the demand for performing and luxury vehicles rising so over medium term, the market is attempting to return to economic stability with strong sales predictions to fulfil the possibly high demand. To sustain long-term relationships, players in the industry look to form beneficial alliances with OEMs and turbocharger suppliers. For instance, SuperTurbo Technologies Inc. and Linamar Corp. formed an arrangement in February 2022 to commercialise innovative vehicle turbocharger technology. Moreover, McLaren Engineering, a company of Linamar, declared that it will shortly begin producing prototypes and manufacturing and testing SuperTurbos for the international market. The percentage of automobiles using turbochargers is growing every year because many automakers believe turbochargers are a practical solution for keeping internal combustion (IC) vehicles clean. By 2022, if manufacturing continues at its current rate, almost half of all vehicles will have turbochargers, which will encourage manufacturers and tier-1 providers to release additional cutting-edge items.

#### Table of Contents:

##### TABLE OF CONTENT

1 EXECUTIVE SUMMARY	
2 INTRODUCTION	
2.1 DEFINITION	15
2.2 SCOPE OF THE STUDY	15
2.3 ASSUMPTIONS	15
2.4 MARKET STRUCTURE	16
3 RESEARCH METHODOLOGY	
3.1 RESEARCH PROCESS	17
3.2 PRIMARY RESEARCH	17
3.3 SECONDARY RESEARCH	18
3.4 MARKET SIZE ESTIMATION	18
3.5 FORECAST MODEL	20
4 MARKET DYNAMICS	
4.1 DRIVERS	21
4.1.1 CONTINUOUS GROWTH IN GLOBAL AUTOMOTIVE INDUSTRY	21
4.1.2 SALES OF VEHICLE, 2012-2022	22
4.1.3 STRINGENT VEHICLE EMISSION REGULATIONS	22
4.2 RESTRAINT	22
4.2.1 AVAILABILITY OF CHEAP CONVENTIONAL TECHNOLOGIES	22
4.3 OPPORTUNITIES	22

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#### 4.3.1 INCREASED INVESTMENT IN TURBOCHARGER DEVELOPMENT TECHNOLOGIES 22

### 5 MARKET FACTOR ANALYSIS

#### 5.1 PORTER'S FIVE FORCES ANALYSIS 23

#### 5.2 PORTER'S FIVE FORCES ANALYSIS 23

##### 5.2.1 THREAT OF NEW ENTRANTS 23

##### 5.2.2 BARGAINING POWER OF SUPPLIERS 24

##### 5.2.3 BARGAINING POWER OF BUYERS 24

##### 5.2.4 THREAT OF SUBSTITUTE 24

##### 5.2.5 RIVALRY 24

#### 5.3 VALUE CHAIN ANALYSIS 25

##### 5.3.1 RAW MATERIAL SUPPLY 25

##### 5.3.2 MANUFACTURE 25

##### 5.3.3 DISTRIBUTION 26

##### 5.3.4 END USE 26

### 6 GLOBAL AUTOMOTIVE TURBOCHARGER MARKET, BY TYPE

#### 6.1.1 DIESEL ENGINE TURBOCHARGER 29

#### 6.1.2 GASOLINE ENGINE TURBOCHARGER 29

#### 6.1.3 NEW ENERGY ENGINE TURBOCHARGER 29

### 7 GLOBAL AUTOMOTIVE TURBOCHARGER MARKET, BY APPLICATION

#### 7.1 INTRODUCTION 31

##### 7.1.1 PASSENGER VEHICLE 33

##### 7.1.2 COMMERCIAL VEHICLE 33

### 8 GLOBAL AUTOMOTIVE TURBOCHARGER MARKET, BY REGION

#### 8.1 INTRODUCTION 35

#### 8.2 NORTH AMERICA 38

##### 8.2.1 US. 42

##### 8.2.2 CANADA 44

#### 8.3 EUROPE 46

##### 8.3.1 GERMANY 50

##### 8.3.2 UK. 52

##### 8.3.3 FRANCE 54

##### 8.3.4 ITALY 56

##### 8.3.5 REST OF EUROPE 58

#### 8.4 ASIA-PACIFIC 60

##### 8.4.1 CHINA 64

##### 8.4.2 JAPAN 66

##### 8.4.3 INDIA 68

##### 8.4.4 REST OF ASIA-PACIFIC 70

#### 8.5 REST OF THE WORLD 72

##### 8.5.1 LATIN AMERICA 76

##### 8.5.2 MIDDLE EAST & AFRICA 78

### 9 COMPETITIVE SCENERIO

#### 9.1 COMPETITIVE LANDSCAPE 81

##### 9.1.1 PRODUCT DEVELOPMENT 82

##### 9.1.2 EXPANSION 83

### 10 COMPANY PROFILE

#### 10.1 HONEYWELL INTERNATIONAL INC. 84

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10.1.1 COMPANY OVERVIEW	84
10.1.2 FINANCIAL OVERVIEW	84
10.1.3 PRODUCT OFFERING	85
10.1.4 STRATEGY	85
10.1.5 SWOT ANALYSIS	86
10.2 BORGWARNER INC.	87
10.2.1 COMPANY OVERVIEW	87
10.2.2 FINANCIAL OVERVIEW	87
10.2.3 PRODUCT OFFERING	88
10.2.4 STRATEGY	89
10.2.5 SWOT ANALYSIS	90
10.3 MITSUBISHI HEAVY INDUSTRIES, LTD	91
10.3.1 COMPANY OVERVIEW	91
10.3.2 FINANCIAL OVERVIEW	91
10.3.3 PRODUCT OFFERING	92
10.3.4 STRATEGY	92
10.3.5 SWOT ANALYSIS	93
10.4 CONTINENTAL AG	94
10.4.1 COMPANY PROFILE	94
10.4.2 FINANCIAL OVERVIEW	94
10.4.3 PRODUCT OFFERING	95
10.4.4 STRATEGY	95
10.4.5 SWOT ANALYSIS	96
10.5 CUMMINS, INC.	97
10.5.1 COMPANY PROFILE	97
10.5.2 FINANCIAL OVERVIEW	97
10.5.3 PRODUCT OFFERING	98
10.5.4 STRATEGY	98
10.5.5 SWOT ANALYSIS	99
10.6 IHI CORPORATION	100
10.6.1 COMPANY PROFILE	100
10.6.2 FINANCIAL OVERVIEW	100
10.6.3 PRODUCT OFFERING	101
10.6.4 STRATEGY	101
10.7 BOSCH MAHLE	102
10.7.1 COMPANY PROFILE	102
10.7.2 FINANCIAL OVERVIEW	102
10.7.3 PRODUCT/SERVICE OFFERING	102
10.7.4 STRATEGY	102
10.7.5 KEY DEVELOPMENT	102
10.8 BULLSEYE POWER	103
10.8.1 COMPANY PROFILE	103
10.8.2 FINANCIAL OVERVIEW	103
10.8.3 PRODUCT/SERVICE OFFERING	103
10.8.4 STRATEGY	103
10.9 PRECISION TURBO AND ENGINE	104
10.9.1 COMPANY OVERVIEW	104

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10.9.2 FINANCIAL OVERVIEW	104
10.9.3 PRODUCT OFFERING	104
10.9.4 STRATEGY	106
10.10 FENGCHENG XINDONGLI TURBOCHARGER CO., LTD.	107
10.10.1 COMPANY OVERVIEW	107
10.10.2 FINANCIAL OVERVIEW	107
10.10.3 PRODUCT/SERVICE OFFERING	107
10.10.4 STRATEGY	107

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