

# **Global Industrial Turbocharger Market Size study, by End-user (Mining and Construction Equipment, Agriculture Equipment, Oil and Gas Industry, Power Industry, Marine Industry), by Distribution Channel (OEM, Aftermarket), and Regional Forecasts 2022-2032**

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## **Abstracts**

Global Industrial Turbocharger Market is valued approximately at USD 4.39 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 3.33% over the forecast period 2024-2032. An industrial turbocharger is a device used in various industrial applications to increase the efficiency and power output of engines by compressing the intake air before it enters the combustion chamber. This compression increases the density of the air, allowing more fuel to be burned and thereby generating more power. Industrial turbochargers are commonly used in diesel engines found in heavy machinery, power generators, ships, and locomotives. The trend in turbocharging technologies focuses on tightening emission standards and enhancing engine performance, leading to significant growth in sectors like agriculture machinery. Turbochargers improve fuel combustion and power output while reducing emissions, aligning with environmental regulations. Additionally, the use of automotive refurbished turbochargers is gaining traction, providing a cost-effective and efficient alternative for enhancing vehicle performance and sustainability.

Turbochargers, comprising turbine and compressor components, harness waste exhaust power to boost engine performance in various vehicles, from high-performance cars to light-duty vehicles. Amidst stringent emission norms, turbochargers play a pivotal role in enhancing fuel efficiency and reducing CO2 emissions from gasoline passenger cars and diesel vehicles alike. The market also witnesses advancements in

vehicle hybridization, integrating turbochargers with electric propulsion systems. Beyond land transportation, turbochargers find applications in aircraft and locomotives, contributing to lower vehicular emissions and overall environmental sustainability through optimized utilization of fuels and electricity.

The key regions considered for the global Industrial Turbocharger Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is a dominating region in the Industrial Turbocharger Market in terms of revenue. The market growth in the region is being attributed to factors including the existence of major market players such as BMTS Technology GmbH and Co. KG, BorgWarner Inc., and Caterpillar Inc., in the US and Canada. In addition, these players invest in marketing and patient awareness initiatives. Stringent emission regulations are pressuring industries to adopt cleaner technologies, and efficient turbochargers can significantly reduce emissions without sacrificing power. Additionally, the rising demand for productivity gains is driving the need for powerful machinery, which industrial turbochargers perfectly address by boosting engine output. Whereas, the market in Asia Pacific is anticipated to grow at the fastest rate over the forecast period fueled by the region's booming industrial sector, particularly in China and India, is driving demand for powerful and efficient machinery. Industrial turbochargers deliver on both fronts by increasing engine output and lowering fuel consumption. Also, stricter emission regulations are pushing industries to adopt cleaner technologies, and efficient turbochargers can help meet these standards.

Major market players included in this report are:

BMTS Technology GmbH and Co. KG

BorgWarner Inc.

Cardone Industries Inc.

Caterpillar Inc.

Comp Turbo Technology Inc.

Continental AG

Cummins Inc.

Eaton Corp. Plc

Hitachi Ltd.

Honeywell International Inc.

IHI Corp.

Keyyang Precision Co. LTD.

Komatsu Ltd.

Kompressorenbau Bannewitz GmbH

MAHLE GmbH

The detailed segments and sub-segment of the market are explained below:

By End-user

Mining and Construction Equipment

Agriculture Equipment

Oil and Gas Industry

Power Industry

Marine Industry

By Distribution Channel

OEM

Aftermarket

By Region:

*Global Industrial Turbocharger Market Size study, by End-user (Mining and Construction Equipment, Agriculture...*

## North America

U.S.

Canada

## Europe

UK

Germany

France

Spain

Italy

ROE

## Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

## Latin America

Brazil

Mexico

RoLA

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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