

Booster Compressor Market Report by Cooling Type (Air, Water), Compression Stage (Single Stage, Double Stage, Multistage), Power Source (Electric, Combustion Engine), End User (Oil and Gas, Manufacturing, Industrial Testing, Construction, and Others), and Region 2024-2032

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Abstracts

The global booster compressor market size reached US\$ 3.6 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 5.4 Billion by 2032, exhibiting a growth rate (CAGR) of 4.4% during 2024-2032.

A booster compressor refers to a piece of equipment made to boost the pressure of an existing system. It consists of a delivered valve cylinder head, received tank and discharge tank and provides water-based and air-based cooling. It is widely used for testing industrial conduit and pipeline pressures, optimizing high-pressure tires, engine starter systems, increasing the volume and pressure of water in showerheads and faucets, PET bottle production and enhancing torque in small air tools. Booster compressor provides efficiency, productivity, versatility, transportability, safety, reliability, high-pressure production ability and profitability. Most of the booster compressors are pneumatic and are used for short durations to sustain high pressures. As a result, they find extensive application across various industries, such as manufacturing, chemical, and oil and gas.

Booster Compressor Market Trends:

Significant growth in the oil and gas industry across the globe is creating a positive outlook for the market. Booster compressors are widely used to supply continuous gas to turbines at specified pressure and temperature. In line with this, the widespread

product utilization in nitrogen compression and hydrogen blanketing is favoring the market growth. Moreover, various technological advancements, such as the integration of artificial intelligence and the Internet of Things (IoT) for remote monitoring, analyzing performance, providing alerts for an unscheduled oil change and preventive maintenance (PM), are providing an impetus to the market growth. Additionally, the increasing demand for liquified petroleum gas (LPG), compressed natural gas (CNG) and clean energy fuels due to rising environmental consciousness are positively impacting the market growth. Other factors, including significant expansion in the chemical industry, increasing demand for electric vehicles and the implementation of various government initiatives toward the development of the manufacturing industry, are anticipated to drive the market toward growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global booster compressor market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on cooling type, compression stage, power source and end user.

Breakup by Cooling Type:

- Air
- Water

Breakup by Compression Stage:

- Single Stage
- Double Stage
- Multistage

Breakup by Power Source:

- Electric
- Combustion Engine

Breakup by End User:

- Oil and Gas
- Manufacturing
- Industrial Testing

Construction
Others

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Atlas Copco AB, BAUER COMP Holding GmbH, Bauer Compressors Inc., BOGE KOMPRESSOREN Otto Boge GmbH & Co. KG, Gas Compression Systems Inc., Generon, Hitachi Ltd., IDEX Corporation, Ingersoll Rand Inc., Kaeser Kompressoren SE, Sauer Compressors USA Inc. and TGT Fuel Technologies Pvt. Ltd

Key Questions Answered in This Report

1. What was the size of the global booster compressor market in 2023?
2. What is the expected growth rate of the global booster compressor market during 2024-2032?
3. What has been the impact of COVID-19 on the global booster compressor market?
4. What are the key factors driving the global booster compressor market?
5. What is the breakup of the global booster compressor market based on the cooling type?
6. What is the breakup of the global booster compressor market based on the compression stage?
7. What is the breakup of the global booster compressor market based on the power source?
8. What is the breakup of the global booster compressor market based on the end user?
9. What are the key regions in the global booster compressor market?
10. Who are the key players/companies in the global booster compressor market?

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