

Integrally Geared Centrifugal Compressor Market Forecasted to Achieve US \$2.14 Billion by 2029

*The Business Research Company's
Integrally Geared Centrifugal Compressor
Global Market Report 2025 – Market Size,
Trends, And Global Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED
KINGDOM, August 27, 2025

/EINPresswire.com/ -- "Get 30% Off All
Global Market Reports With Code

ONLINE30 – Stay Ahead Of Trade Shifts, Macroeconomic Trends, And Industry Disruptors

The logo for The Business Research Company, featuring a stylized bar chart with three bars of increasing height, colored in teal and dark blue. The text "The Business Research Company" is written in a serif font to the left of the chart.

The Business
Research Company

The Business Research Company

How Big Is The Integrally Geared Centrifugal Compressor Market In 2025?

In recent periods, the [market size for integrally geared centrifugal compressors](#) has seen

“

The Business Research
Company's Latest Report
Explores Market Driver,
Trends, Regional Insights -
Market Sizing & Forecasts
Through 2034”

*The Business Research
Company*

substantial growth. The market is anticipated to expand from \$1.61 billion in 2024 to \$1.71 billion in 2025, displaying a compound annual growth rate (CAGR) of 6.0%. The expansion during the historical period can be credited to the increasing substitution of old-fashioned compressors, an upswing in focus on reducing lifecycle costs, a surge in demand from the power generation sector, amplified governmental efforts towards energy conservation, and the emerging trend towards digitalization and remote monitoring.

The market size for integrally geared centrifugal compressors is anticipated to experience robust expansion in the approaching years, swelling to \$2.14 billion in 2029 with a compound annual growth rate (CAGR) of 5.8%. The predicted growth in the upcoming period is due to factors such as rising demand for gas compression systems that are energy-efficient, escalating investment in oil and gas infrastructure, growing emphasis on carbon emission reduction, increasing requirements from the oil and gas industry, and burgeoning urbanization and industrialization. Key trends forecasted for this time frame include improvement in impeller and diffuser architecture, the evolution of high-speed gear systems, incorporation of smart sensors and

monitoring technology, breakthroughs in modular compressor designs, and the application of digital twin technology.

Download a free sample of the integrally geared centrifugal compressor market report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=25361&type=smp>

What Are The Key Driving Factors For The Growth Of The Integrally Geared Centrifugal Compressor Market?

The expansion of the integrally geared centrifugal compressor market is likely to be driven by the increasing demands within the oil and gas industry. This sector involves the exploration, extraction, refinement, and delivery of both petroleum and natural gas. It is the escalating requirement for oil and gas, brought about by the rise in necessary transportation and the increasingly widespread use of airlines, resulting in more fuel being consumed globally. The role of integrally geared centrifugal compressors in optimizing gas compression for activities such as processing natural gas, boosting pipeline, and gas injection plays a crucial part in augmenting trustworthiness while shrinking physical space requirements in vital operations. For instance, a report from the Energy Information Administration (EIA), a federal statistical and analytical agency in the United States, revealed that, in June 2023, worldwide oil usage is expected to see a 6% rise from 2022 to 2028, culminating in an overall usage of 105.7 million barrels per day. Concurrently, an 11% year-on-year increase in expenditures toward upstream oil and gas activities, such as exploration, extraction, and production, are projected to hit a historic high of 528 billion US dollars in 2023. Consequently, the proliferating demand in the oil and gas industry is escalating the growth of the integrally geared centrifugal compressor market.

Who Are The Key Players In The Integrally Geared Centrifugal Compressor Industry?

Major players in the Integrally Geared Centrifugal Compressor Global Market Report 2025 include:

- Hitachi Ltd.
- General Electric Co.
- Siemens Energy AG
- Mitsubishi Heavy Industries Ltd.
- Baker Hughes Company
- Johnson Controls Inc.
- Kobe Steel Ltd.
- Atlas Copco AB
- IHI Rotating Machinery Engineering Co. Ltd.
- Ingersoll Rand Inc.

What Are The Upcoming Trends Of Integrally Geared Centrifugal Compressor Market In The Globe?

Prominent companies in the integrally geared centrifugal compressor market are concentrating on crafting inventive solutions like high-efficiency centrifugal compressors to deliver compact and less power-consuming gas compression systems across various sectors. A high-efficiency

centrifugal compressor is a type of turbo machinery equipment designed to squeeze gases with less energy usage by utilizing optimized impellers, diffusers, and gear systems to boost efficiency and decrease running costs. For example, IHI Rotating Machinery Engineering Co. Ltd., a Japanese firm producing machinery and equipment, launched the TRZ Series - a high-efficiency integrally geared centrifugal compressor line created specifically for industrial use, in May 2025. This series offers enhanced efficiency, lowered operational costs, and easier maintenance through features such as superior impeller design, direct lubrication, and standardized components. Moreover, the series is structured to provide trustworthy, cost-effective, and eco-friendly air compression solutions for large industrial operations.

What [Segments Are Covered In The Integrally Geared Centrifugal Compressor](#) Market Report?

The integrally geared centrifugal compressor market covered in this report is segmented –

- 1) By Type: Radial Compressors, Axial Compressors
- 2) By Compressible Gases: Nitrogen, Acid Hydrocarbon Gas, Chlorine, Air, Fuel Gas, Hydrocarbon Process Gas, Refrigerants, Other Compressible Gases
- 3) By Application: Air Compression, Gas Compression, Refrigeration
- 4) By End-Use Industry: Oil And Gas, Chemical And Petrochemical, Power Generation, Manufacturing, Air Suspension, Other End-Use Industries

Subsegments:

- 1) By Radial Compressor: Single-Stage Radial Compressors, Multi-Stage Radial Compressors
- 2) By Axial Compressors: Low-Pressure Axial Compressors, High-Pressure Axial Compressors

View the full integrally geared centrifugal compressor market report:

<https://www.thebusinessresearchcompany.com/report/integrally-geared-centrifugal-compressor-global-market-report>

Which Region Is Expected To Lead The Integrally Geared Centrifugal Compressor Market By 2025?

In the Integrally Geared Centrifugal Compressor Global Market Report 2025, North America held the title for the leading region in 2024. It is projected that the quickest growth will occur within the Asia-Pacific region in the forecasted period. The report covers an array of regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

Browse Through More Reports Similar to the Global Integrally Geared Centrifugal Compressor Market 2025, By The Business Research Company

Liquefied Natural Gas Compressor Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/liquefied-natural-gas-compressor-global-market-report>

Automotive Ac Compressor Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/automotive-ac-compressor-global-market-report>

Industrial Air Compressor Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/industrial-air-compressor-global-market-report>

Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: saumyas@tbrc.info

[The Business Research Company - www.thebusinessresearchcompany.com](https://www.thebusinessresearchcompany.com)

Follow Us On:

• LinkedIn: <https://in.linkedin.com/company/the-business-research-company>"

Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/843203107>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.