

Global Industrial Air Compressor Market Size study & Forecast, by Product Type (Positive Displacement, Dynamic), by Output Power (Up to 50 kW, 51–250 kW, 251–500 kW, Above 500 kW), by Seal (Oil-flooded, Oil-free), and Regional Forecasts 2025-2035

<https://marketpublishers.com/r/GC262EE2486BEN.html>

Date: November 2024

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: GC262EE2486BEN

Abstracts

The Global Industrial Air Compressor Market is valued at approximately USD 38.51 billion in 2024 and is poised to expand at a robust CAGR of over 5.60% during the forecast period from 2025 to 2035. Industrial air compressors have firmly established themselves as indispensable assets across a multitude of end-use sectors—from manufacturing to power generation—delivering a reliable supply of compressed air essential for production continuity. As industries increasingly gravitate toward automation, energy efficiency, and sustainable operations, the demand for versatile and high-performance air compression systems continues to gain traction. The market is navigating a transformative shift driven by the convergence of advanced compressor designs, regulatory pressure to minimize emissions, and the need to reduce operational downtime.

A pivotal force accelerating this market's momentum is the increased integration of industrial air compressors in automated production lines, smart factories, and heavy-duty operations where consistent air pressure is paramount. Positive displacement compressors, especially rotary screw models, are favored for their ability to deliver stable airflow with minimal fluctuations—ensuring seamless machine operation in high-demand settings. Furthermore, technological innovations like variable speed drives (VSDs) and oil-free compressors are reshaping industry benchmarks for energy efficiency and environmental compliance. These enhancements are not only helping manufacturers slash utility costs but are also supporting global sustainability initiatives, making modern compressors a cornerstone of green industrial practices.

Regionally, North America continues to dominate the market landscape, owing to its advanced manufacturing infrastructure, rising retrofit activities in aging facilities, and early adoption of energy-efficient equipment. Europe, propelled by strict environmental regulations and a strong industrial base in Germany, France, and the UK, is seeing heightened investments in low-emission and oil-free compressor technologies. Meanwhile, Asia Pacific is emerging as the most dynamic growth corridor, led by booming industrialization in China, India, and Southeast Asian economies. The expanding automotive and construction sectors, coupled with government incentives for smart industrialization and infrastructure upgrades, are providing fertile ground for compressor adoption across the region. Latin America and the Middle East & Africa are also gradually increasing their compressor installations as oil & gas, mining, and utilities expand across these geographies.

Major market player included in this report are:

Atlas Copco AB

Kaeser Kompressoren SE

Ingersoll Rand Inc.

Hitachi Industrial Products Ltd.

Gardner Denver Holdings Inc.

Kobe Steel Ltd.

Siemens AG

Mitsubishi Heavy Industries Ltd.

Bauer Kompressoren GmbH

ELGi Equipments Limited

Quincy Compressor

Doosan Portable Power

Sullair LLC

Fusheng Co., Ltd.

Sullivan-Palatek, Inc.

Global Industrial Air Compressor Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025-2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By Product Type:

Positive Displacement

Dynamic

By Output Power:

Up to 50 kW

51–250 kW

251–500 kW

Above 500 kW

By Seal:

Oil-flooded

Oil-free

By End-User:

Manufacturing

Energy

Oil & Gas

Construction

Food & Beverage

Pharmaceuticals

Others

By Design:

Portable

Stationary

By Pressure:

Up to 20 bar

21–100 bar

Above 100 bar

By Coolant:

Air-cooled

Water-cooled

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

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.

Contents

CHAPTER 1. GLOBAL INDUSTRIAL AIR COMPRESSOR MARKET REPORT SCOPE & METHODOLOGY

- 1.1. Research Objective
- 1.2. Research Methodology
 - 1.2.1. Forecast Model
 - 1.2.2. Desk Research
 - 1.2.3. Top Down and Bottom-Up Approach
- 1.3. Research Attributes
- 1.4. Scope of the Study
 - 1.4.1. Market Definition
 - 1.4.2. Market Segmentation
- 1.5. Research Assumption
 - 1.5.1. Inclusion & Exclusion
 - 1.5.2. Limitations
 - 1.5.3. Years Considered for the Study

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. CEO/CXO Standpoint
- 2.2. Strategic Insights
- 2.3. ESG Analysis
- 2.4. Key Findings

CHAPTER 3. GLOBAL INDUSTRIAL AIR COMPRESSOR MARKET FORCES ANALYSIS (2024–2035)

- 3.1. Market Forces Shaping the Global Industrial Air Compressor Market
- 3.2. Drivers
 - 3.2.1. Growing industrial automation across manufacturing and processing sectors
 - 3.2.2. Advancements in compressor efficiency through VSD and oil-free technologies
- 3.3. Restraints
 - 3.3.1. High capital and maintenance costs associated with large-capacity compressors
 - 3.3.2. Regulatory pressure related to carbon emissions and noise pollution
- 3.4. Opportunities
 - 3.4.1. Rising demand in emerging economies driven by infrastructure expansion
 - 3.4.2. Integration of IoT-enabled air compressors for real-time monitoring and

optimization

CHAPTER 4. GLOBAL INDUSTRIAL AIR COMPRESSOR INDUSTRY ANALYSIS

- 4.1. Porter's 5 Forces Model
 - 4.1.1. Bargaining Power of Buyer
 - 4.1.2. Bargaining Power of Supplier
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Forces Forecast Model (2024–2035)
- 4.3. PESTEL Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top Investment Opportunities
- 4.5. Top Winning Strategies (2025)
- 4.6. Market Share Analysis (2024–2025)
- 4.7. Global Pricing Analysis and Trends (2025)
- 4.8. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL INDUSTRIAL AIR COMPRESSOR MARKET SIZE & FORECASTS BY PRODUCT TYPE (2025–2035)

- 5.1. Market Overview
- 5.2. Global Market Performance – Potential Analysis (2025)
- 5.3. Positive Displacement
 - 5.3.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
 - 5.3.2. Market Size Analysis by Region, 2025–2035
- 5.4. Dynamic
 - 5.4.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
 - 5.4.2. Market Size Analysis by Region, 2025–2035

CHAPTER 6. GLOBAL INDUSTRIAL AIR COMPRESSOR MARKET SIZE & FORECASTS BY OUTPUT POWER (2025–2035)

- 6.1. Market Overview
- 6.2. Up to 50 kW
- 6.3. 51–250 kW
- 6.4. 251–500 kW
- 6.5. Above 500 kW

CHAPTER 7. GLOBAL INDUSTRIAL AIR COMPRESSOR MARKET SIZE & FORECASTS BY SEAL TYPE (2025–2035)

- 7.1. Oil-flooded
- 7.2. Oil-free

CHAPTER 8. GLOBAL INDUSTRIAL AIR COMPRESSOR MARKET SIZE & FORECASTS BY END-USER (2025–2035)

- 8.1. Manufacturing
- 8.2. Energy
- 8.3. Oil & Gas
- 8.4. Construction
- 8.5. Food & Beverage
- 8.6. Pharmaceuticals
- 8.7. Others

CHAPTER 9. GLOBAL INDUSTRIAL AIR COMPRESSOR MARKET SIZE & FORECASTS BY DESIGN (2025–2035)

- 9.1. Portable
- 9.2. Stationary

CHAPTER 10. GLOBAL INDUSTRIAL AIR COMPRESSOR MARKET SIZE & FORECASTS BY PRESSURE (2025–2035)

- 10.1. Up to 20 bar
- 10.2. 21–100 bar
- 10.3. Above 100 bar

CHAPTER 11. GLOBAL INDUSTRIAL AIR COMPRESSOR MARKET SIZE & FORECASTS BY COOLANT TYPE (2025–2035)

- 11.1. Air-cooled
- 11.2. Water-cooled

CHAPTER 12. GLOBAL INDUSTRIAL AIR COMPRESSOR MARKET SIZE & FORECASTS BY REGION (2025–2035)

- 12.1. North America
 - 12.1.1. U.S.
 - 12.1.1.1. Segment Breakdown Size & Forecasts, 2025–2035
 - 12.1.2. Canada
 - 12.1.2.1. Segment Breakdown Size & Forecasts, 2025–2035
- 12.2. Europe
 - 12.2.1. UK
 - 12.2.1.1. Segment Breakdown Size & Forecasts, 2025–2035
 - 12.2.2. Germany
 - 12.2.3. France
 - 12.2.4. Spain
 - 12.2.5. Italy
 - 12.2.6. Rest of Europe
- 12.3. Asia Pacific
 - 12.3.1. China
 - 12.3.2. India
 - 12.3.3. Japan
 - 12.3.4. Australia
 - 12.3.5. South Korea
 - 12.3.6. Rest of Asia Pacific
- 12.4. Latin America
 - 12.4.1. Brazil
 - 12.4.2. Mexico
- 12.5. Middle East & Africa
 - 12.5.1. UAE
 - 12.5.2. Saudi Arabia
 - 12.5.3. South Africa
 - 12.5.4. Rest of Middle East & Africa

CHAPTER 13. COMPETITIVE INTELLIGENCE

- 13.1. Top Market Strategies
- 13.2. Atlas Copco AB

- 13.2.1. Company Overview
- 13.2.2. Key Executives
- 13.2.3. Company Snapshot
- 13.2.4. Financial Performance (Subject to Data Availability)
- 13.2.5. Product/Services Port
- 13.2.6. Recent Development
- 13.2.7. Market Strategies
- 13.2.8. SWOT Analysis
- 13.3. Ingersoll Rand Inc.
- 13.4. Kaeser Kompressoren SE
- 13.5. Hitachi Industrial Products Ltd.
- 13.6. Gardner Denver Holdings Inc.
- 13.7. Kobe Steel Ltd.
- 13.8. Siemens AG
- 13.9. Mitsubishi Heavy Industries Ltd.
- 13.10. Bauer Kompressoren GmbH
- 13.11. ELGi Equipments Limited
- 13.12. Quincy Compressor
- 13.13. Doosan Portable Power
- 13.14. Sullair LLC
- 13.15. Fusheng Co., Ltd.
- 13.16. Sullivan-Palatek, Inc.

List Of Tables

LIST OF TABLES

Table 1. Global Industrial Air Compressor Market, Report Scope

Table 2. Global Industrial Air Compressor Market Estimates & Forecasts by Region, 2024–2035

Table 3. Global Industrial Air Compressor Market Estimates & Forecasts by Product Type, 2024–2035

Table 4. Global Industrial Air Compressor Market Estimates & Forecasts by Output Power, 2024–2035

Table 5. Global Industrial Air Compressor Market Estimates & Forecasts by Seal, 2024–2035

Table 6. Global Industrial Air Compressor Market Estimates & Forecasts by End-User, 2024–2035

Table 7. Global Industrial Air Compressor Market Estimates & Forecasts by Design, 2024–2035

Table 8. Global Industrial Air Compressor Market Estimates & Forecasts by Pressure, 2024–2035

Table 9. Global Industrial Air Compressor Market Estimates & Forecasts by Coolant Type, 2024–2035

Table 10. U.S. Industrial Air Compressor Market Estimates & Forecasts, 2024–2035

Table 11. Canada Industrial Air Compressor Market Estimates & Forecasts, 2024–2035

Table 12. UK Industrial Air Compressor Market Estimates & Forecasts, 2024–2035

Table 13. Germany Industrial Air Compressor Market Estimates & Forecasts, 2024–2035

Table 14. France Industrial Air Compressor Market Estimates & Forecasts, 2024–2035

Table 15. Spain Industrial Air Compressor Market Estimates & Forecasts, 2024–2035

Table 16. Italy Industrial Air Compressor Market Estimates & Forecasts, 2024–2035

Table 17. Rest of Europe Industrial Air Compressor Market Estimates & Forecasts, 2024–2035

Table 18. China Industrial Air Compressor Market Estimates & Forecasts, 2024–2035

Table 19. India Industrial Air Compressor Market Estimates & Forecasts, 2024–2035

Table 20. Japan Industrial Air Compressor Market Estimates & Forecasts, 2024–2035

Table 21. Australia Industrial Air Compressor Market Estimates & Forecasts, 2024–2035

Table 22. South Korea Industrial Air Compressor Market Estimates & Forecasts, 2024–2035

Table 23. Rest of APAC Industrial Air Compressor Market Estimates & Forecasts,

2024–2035

Table 24. Brazil Industrial Air Compressor Market Estimates & Forecasts, 2024–2035

Table 25. Mexico Industrial Air Compressor Market Estimates & Forecasts, 2024–2035

Table 26. UAE Industrial Air Compressor Market Estimates & Forecasts, 2024–2035

Table 27. Saudi Arabia Industrial Air Compressor Market Estimates & Forecasts,
2024–2035

Table 28. South Africa Industrial Air Compressor Market Estimates & Forecasts,
2024–2035

Table 29. Rest of Middle East & Africa Market Estimates & Forecasts, 2024–2035

List Of Figures

LIST OF FIGURES

- Figure 1. Global Industrial Air Compressor Market, Research Methodology
- Figure 2. Global Industrial Air Compressor Market, Market Estimation Techniques
- Figure 3. Global Market Size Estimates & Forecast Methods
- Figure 4. Global Industrial Air Compressor Market, Key Trends 2025
- Figure 5. Global Industrial Air Compressor Market, Growth Prospects 2024–2035
- Figure 6. Global Industrial Air Compressor Market, Porter's Five Forces Model
- Figure 7. Global Industrial Air Compressor Market, PESTEL Analysis
- Figure 8. Global Industrial Air Compressor Market, Value Chain Analysis
- Figure 9. Industrial Air Compressor Market by Product Type, 2025 & 2035
- Figure 10. Industrial Air Compressor Market by Output Power, 2025 & 2035
- Figure 11. Industrial Air Compressor Market by Seal Type, 2025 & 2035
- Figure 12. Industrial Air Compressor Market by End-User, 2025 & 2035
- Figure 13. Industrial Air Compressor Market by Design, 2025 & 2035
- Figure 14. Industrial Air Compressor Market by Pressure, 2025 & 2035
- Figure 15. Industrial Air Compressor Market by Coolant Type, 2025 & 2035
- Figure 16. North America Industrial Air Compressor Market, 2025 & 2035
- Figure 17. Europe Industrial Air Compressor Market, 2025 & 2035
- Figure 18. Asia Pacific Industrial Air Compressor Market, 2025 & 2035
- Figure 19. Latin America Industrial Air Compressor Market, 2025 & 2035
- Figure 20. Middle East & Africa Industrial Air Compressor Market, 2025 & 2035
- Figure 21. Global Industrial Air Compressor Market, Company Market Share Analysis (2025)

I would like to order

Product name: Global Industrial Air Compressor Market Size study & Forecast, by Product Type (Positive Displacement, Dynamic), by Output Power (Up to 50 kW, 51–250 kW, 251–500 kW, Above 500 kW), by Seal (Oil-flooded, Oil-free), and Regional Forecasts 2025-2035

Product link: <https://marketpublishers.com/r/GC262EE2486BEN.html>

Price: US\$ 3,750.00 (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/GC262EE2486BEN.html>