

Air Starters Market Size Projected to Reach USD 848.39 Million by 2034, Growing at 7.80% CAGR

The global air starters market size was worth around USD 400.32 million in 2024 and is predicted to grow to around USD 848.39 million by 2034

PUNE, MAHARASHTRA, INDIA, September 22, 2025 / EINPresswire.com/ -- The global air starters market Size, valued at approximately USD 400.32 million in 2024, is projected to reach around USD 848.39 million by 2034, growing at a



compound annual growth rate (CAGR) of 7.80% from 2025 to 2034. Air starters are critical components used to start engines in industrial, marine, and automotive applications, particularly in heavy machinery and power generation. This report provides a detailed analysis of the

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market, including drivers, challenges, segmentation, regional dynamics, key players, and future outlook.

The global air starters market size was worth around USD 400.32 million in 2024 and is predicted to grow to around USD 848.39 million by 2034, (CAGR) of roughly 7.80% between 2025 and 2034."

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1. Introduction

Air starters are mechanical devices that use compressed air to initiate the operation of engines. They are widely

preferred in industries such as oil & gas, power generation, marine, and heavy vehicles due to their high reliability, efficiency, and ease of maintenance. The increasing adoption of air starters in industrial applications and marine engines is driving market expansion globally.

Key Insights:

As per the analysis shared by our research analyst, the global air starters market is estimated to grow annually at a CAGR of around 7.80% over the forecast period (2025-2034) In terms of revenue, the global air starters market size was valued at around USD 400.32 million in 2024 and is projected to reach USD 848.39 million by 2034.

The air starters market is projected to grow at a significant rate due to the rising applications in the growing marine sector.

Based on the type, the vane air starters segment is growing at a high rate and will continue to dominate the global market as per industry projections.

Based on the end-user, the oil & gas segment is anticipated to command the largest market share.

Based on region, North America is projected to dominate the global market during the forecast period.

2. Market Dynamics

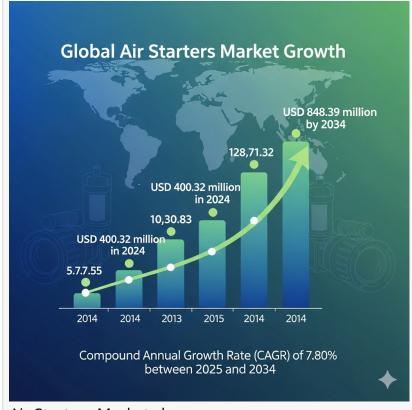
2.1 Growth Drivers

Industrial Expansion: Growth in sectors like oil & gas, manufacturing, and power generation has increased the demand for reliable engine-starting solutions.

Marine Industry Growth: Expansion in global shipping and marine transport contributes significantly to air starter



Air Starters Market size



Air Starters Market share

demand, as marine engines often utilize air starters.

Technological Advancements: Development of lightweight, efficient, and low-maintenance air starters enhances their adoption in multiple applications.

Preference over Electric Starters: Air starters are preferred in environments where electric starters may fail due to high torque requirements or safety concerns.

2.2 Market Challenges

High Initial Cost: The initial investment in high-quality air starters can be significant, particularly

for large industrial applications.

Maintenance Requirements: Although durable, air starters require regular maintenance and monitoring to ensure optimal performance.

Competition from Electric Starters: Electric starters are increasingly being improved, offering alternative solutions in some industrial and automotive applications.

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3. Market Segmentation

3.1 By Type

Axial Air Starters: Commonly used for medium to large engines; preferred in industrial and marine applications.

Radial Piston Air Starters: Suitable for heavy-duty engines; high torque output and reliable performance.

Helical Air Starters: Compact design; suitable for specific automotive and small industrial engines.

3.2 By Application

Marine Engines: Used extensively in ships and vessels for engine starting. Industrial Engines: Power generation, oil & gas, and heavy machinery applications. Automotive Engines: Large vehicles and trucks where high torque starting is required. Other Applications: Emergency generators, mining equipment, and rail engines.

3.3 By End-User Industry

Oil & Gas: High demand due to large engines in drilling and extraction machinery. Power Generation: Backup generators and turbines rely on air starters for efficient startup. Marine: Ships, boats, and offshore platforms constitute a major consumer segment. Automotive & Heavy Vehicles: Specialized trucks, construction machinery, and buses.

4. Regional Analysis

North America: Significant demand driven by the oil & gas and power generation industries. Europe: Growth in marine transport, renewable energy projects, and industrial machinery adoption.

Asia-Pacific: Rapid industrialization, expansion of marine trade routes, and infrastructure development fuel market growth.

Middle East & Africa: Growing energy exploration and industrial projects contribute to rising demand.

Latin America: Development of marine and energy infrastructure drives market adoption.

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5. Competitive Landscape

Key players in the global air starters market include: Ingersoll Rand Gardner Denver (part of Ingersoll Rand) Bauer Compressors Coltri Compressors Hercules S.A. Sauer Compressors

These companies compete through product innovation, technological improvements, service networks, and strategic collaborations to expand market share.

6. Market Trends

Technological Innovations: Development of lightweight and high-torque air starters for improved efficiency.

Energy Efficiency Focus: Air starters are being designed to consume less compressed air and reduce operational costs.

Growing Marine & Offshore Applications: Increasing global trade and offshore energy projects drive demand.

Integration with Automation: Air starters are increasingly being integrated with automated monitoring systems for predictive maintenance and reliability.

7. Future Outlook

The air starters market is expected to maintain robust growth through 2034 due to:

Rising industrialization and infrastructure development in emerging markets.

Expansion of marine shipping and offshore energy sectors.

Continued preference for reliable and durable engine-starting solutions.

Technological advancements improving efficiency, performance, and lifespan.

Emerging markets in Asia-Pacific and the Middle East are likely to see the highest growth, while established regions like North America and Europe focus on technological upgrades and efficiency improvements.

8. Conclusion

The global air starters market is projected to witness substantial growth over the next decade, reaching USD 848.39 million by 2034. Strong demand from industrial, marine, and power generation sectors, coupled with technological innovations, will continue to drive the market. Companies that focus on efficiency, reliability, and customer service will be well-positioned to capture significant market share.

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