

Global Aero Gas Turbine Market Growth 2025-2031

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Abstracts

The global Aero Gas Turbine market size is predicted to grow from US\$ 665 million in 2025 to US\$ 879 million in 2031; it is expected to grow at a CAGR of 4.8% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

An aero gas turbine, also known as an aeroderivative gas turbine, is a high-efficiency, lightweight gas turbine originally developed for aircraft propulsion and later adapted for industrial, marine, and power generation applications. These turbines are derived from aviation jet engines, featuring a compact design, high power-to-weight ratio, and rapid startup capabilities. Compared to heavy-frame industrial gas turbines, aero gas turbines operate at higher rotational speeds and efficiency levels, making them ideal for applications requiring quick response times and operational flexibility.

According to statistics from the SIA, since 2014, the global aerospace industry revenue scale has continued to grow. And in 2021, the global aerospace industry revenue scale was 386.4 billion US dollars, with a year-on-year increase of 4.1%. In 2021, the satellite industry accounted for 72% of the aerospace industry; Non-satellite industry accounted for 27%. According to statistics, in 2022, 186 orbital launches were carried out worldwide, with 178 successes, 1 partial success, and 7 failures. And the complete success rate was 95.7%. There were 8 countries carried out space launch activities, sending a total of 2497 payloads and 24 astronauts into orbit. In 2022, there were 27 serial launch vehicles carried out space launches.

LP Information, Inc. (LPI) ' newest research report, the "Aero Gas Turbine Industry Forecast" looks at past sales and reviews total world Aero Gas Turbine sales in 2024,

providing a comprehensive analysis by region and market sector of projected Aero Gas Turbine sales for 2025 through 2031. With Aero Gas Turbine sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Aero Gas Turbine industry.

This Insight Report provides a comprehensive analysis of the global Aero Gas Turbine landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Aero Gas Turbine portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Aero Gas Turbine market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Aero Gas Turbine and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Aero Gas Turbine.

This report presents a comprehensive overview, market shares, and growth opportunities of Aero Gas Turbine market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Aero Gas Turbine Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for Aero Gas Turbine by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for Aero Gas Turbine by Country/Region, 2020, 2024 & 2031
- 2.2 Aero Gas Turbine Segment by Type
 - 2.2.1

List Of Tables

LIST OF TABLES

Table 1. Aero Gas Turbine Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Aero Gas Turbine Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Aero Gas Turbine

Figure 2. Aero Gas Turbine Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Aero Gas Turbine Sales Growth Rate 2020-2031 (Units)

Figure 7. Global Aero Gas Turbine Revenue Growth Rate 2020-2031 (\$ millions)

Figure 8. Aero Gas Turbine Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Figure 9. Aero Gas Turbine Sales Market Share by Country/Region (2024)

Figure 10. Aero Gas Turbine Sales Market Share by Country/Region (2020, 2024 & 2031)

Figure 11. Product Picture of

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