

# Global Active Magnetic Bearing (AMB) Turboexpander Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G81B69825BF3EN.html>

Date: October 2025

Pages: 118

Price: US\$ 3,480.00 (Single User License)

ID: G81B69825BF3EN

## Abstracts

According to our (Global Info Research) latest study, the global Active Magnetic Bearing (AMB) Turboexpander market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Active Magnetic Bearing (AMB) Turboexpander is an energy conversion device. Active magnetic bearing (AMB) is a type of contactless and frictionless bearing. It uses actively controlled magnetic forces to achieve levitation. By levitating the rotor there is no contact between the rotating and stationary parts.

This report is a detailed and comprehensive analysis for global Active Magnetic Bearing (AMB) Turboexpander market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Active Magnetic Bearing (AMB) Turboexpander market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K

US\$/Unit), 2020-2031

Global Active Magnetic Bearing (AMB) Turboexpander market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global Active Magnetic Bearing (AMB) Turboexpander market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global Active Magnetic Bearing (AMB) Turboexpander market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (K US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Active Magnetic Bearing (AMB) Turboexpander
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Active Magnetic Bearing (AMB) Turboexpander market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Cryostar, Atlas Copco, Baker Hughes, Air Products (Rotoflow), Nikkiso, Chart Industries, Turbogaz, Sapphire Technologies, Zhejiang Boxu New Energy Technology, Hangzhou Hangzhou Oxygen Expander, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Active Magnetic Bearing (AMB) Turboexpander market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

## Market segment by Type

Axial Type

Radial Type

Radial-Axial Type

## Market segment by Application

LNG

Chemical and Petrochemical

Energy Recovery

Others

## Major players covered

Cryostar

Atlas Copco

Baker Hughes

Air Products (Rotoflow)

Nikkiso

Chart Industries

Turbogaz

Sapphire Technologies

Zhejiang Boxu New Energy Technology

Hangzhou Hangzhou Oxygen Expander

Nanjing Cigu Technology

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Active Magnetic Bearing (AMB) Turboexpander product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Active Magnetic Bearing (AMB) Turboexpander, with price, sales quantity, revenue, and global market share of Active Magnetic Bearing (AMB) Turboexpander from 2020 to 2025.

Chapter 3, the Active Magnetic Bearing (AMB) Turboexpander competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Active Magnetic Bearing (AMB) Turboexpander breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Active Magnetic Bearing (AMB) Turboexpander market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Active Magnetic Bearing (AMB) Turboexpander.

Chapter 14 and 15, to describe Active Magnetic Bearing (AMB) Turboexpander sales channel, distributors, customers, research findings and conclusion.

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