

# Global Cryogenic Turboexpanders Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Cryogenic Turboexpanders 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.

The global cryogenic turboexpanders market refers to the worldwide market for turboexpanders used in cryogenic applications. Turboexpanders are devices that convert the energy of expanding gases into mechanical energy, typically used in cryogenic processes such as liquefaction of natural gas and air separation.

The size and growth rate of the global cryogenic turboexpanders market can fluctuate depending on factors such as energy demand, industrial development, and government policies. In-depth market analysis, including specific applications, regional trends, and competitive dynamics, provides a comprehensive understanding of the market's current state and future prospects.

This report is a detailed and comprehensive analysis for global Cryogenic Turboexpanders 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 Cryogenic Turboexpanders market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Cryogenic Turboexpanders market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Cryogenic Turboexpanders market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Cryogenic Turboexpanders market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (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 Cryogenic Turboexpanders
- 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 Cryogenic Turboexpanders 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 PBS Group, Flowserve, LA Turbine, Altas Copco, Cryostar, Cryogenmash, Air Liquide Engineering & Construction, R&D Dynamics, Air Products (Rotoflow), Simms Machinery International, etc.

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

### **Market Segmentation**

Cryogenic Turboexpanders 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**

Single-shaft Turbines

Double-shaft Turbines

### **Market segment by Application**

Chemical Plants

Gas Industry

Others

### **Major players covered**

PBS Group

Flowserve

LA Turbine

Altas Copco

Cryostar

Cryogenmash

Air Liquide Engineering & Construction

R&D Dynamics

Air Products (Rotoflow)

## Simms Machinery International

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 Cryogenic Turboexpanders product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Cryogenic Turboexpanders, with price, sales quantity, revenue, and global market share of Cryogenic Turboexpanders from 2020 to 2025.

Chapter 3, the Cryogenic Turboexpanders competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Cryogenic Turboexpanders 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 Cryogenic Turboexpanders 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 Cryogenic Turboexpanders.

Chapter 14 and 15, to describe Cryogenic Turboexpanders sales channel, distributors, customers, research findings and conclusion.

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