

Global Fuel Cell Air Compressor Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GB73F1C0C13FEN.html>

Date: June 2023

Pages: 105

Price: US\$ 4,480.00 (Single User License)

ID: GB73F1C0C13FEN

Abstracts

The global Fuel Cell Air Compressor market size is expected to reach \$ 360.7 million by 2029, rising at a market growth of 6.5% CAGR during the forecast period (2023-2029).

Global key manufacturers of Fuel Cell Air Compressor are Garrett Motion, Hanon Systems, Danfoss, FISCHER Fuel Cell Compressor, Liebherr, and Toyota Industries Corporation. The top five manufacturers have a total market share of 50%, with the largest manufacturers being Garrett Motion and Hanon Systems, both with a 10% share. Global origins are mainly located in North America, Europe, China, Japan, and Korea, with North America being the largest production region, accounting for 40% of the total. In terms of product category, centrifugal has the largest market share with 75%, followed by Roots and Screw. In terms of applications, passenger cars have a larger share at 85%, while commercial vehicles account for 15%.

The Fuel Cell Air Compressor market covers Centrifugal, Roots, etc. The typical players include Rotrex A/S, Danfoss, Garrett Motion, Toyota Industries Corporation, etc. As an important part of the hydrogen fuel cell system supply chain system accessory (BOP), the air compressor is equivalent to the 'lung' of the fuel cell. It pressurizes the air entering the stack to improve the power density and efficiency of the fuel cell. The pressure and flow output of the air compressor can even directly affect the stoichiometric ratio and air humidification characteristics in the fuel cell engine to a large extent, and then affect the voltage output of the fuel cell stack and the power output of the fuel cell engine.

This report studies the global Fuel Cell Air Compressor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Fuel Cell Air Compressor, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Fuel Cell Air Compressor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Fuel Cell Air Compressor total production and demand, 2018-2029, (Units)

Global Fuel Cell Air Compressor total production value, 2018-2029, (USD Million)

Global Fuel Cell Air Compressor production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Fuel Cell Air Compressor consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Fuel Cell Air Compressor domestic production, consumption, key domestic manufacturers and share

Global Fuel Cell Air Compressor production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global Fuel Cell Air Compressor production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Fuel Cell Air Compressor production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units)

This reports profiles key players in the global Fuel Cell Air Compressor market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Garrett Motion, Hanon Systems, UQM Technologies, FISCHER Fuel Cell Compressor, Liebherr, Toyota Industries Corporation, Guangdong Guangshun New Energy Power Technology, Rotrex A/S and Fujian Snowman, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Fuel Cell Air Compressor market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (USD/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Fuel Cell Air Compressor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Fuel Cell Air Compressor Market, Segmentation by Type

Centrifugal

Roots

Screw

Scroll

Others

Global Fuel Cell Air Compressor Market, Segmentation by Application

Passenger Vehicle

Commercial Vehicle

Companies Profiled:

Garrett Motion

Hanon Systems

UQM Technologies

FISCHER Fuel Cell Compressor

Liebherr

Toyota Industries Corporation

Guangdong Guangshun New Energy Power Technology

Rotrex A/S

Fujian Snowman

Xeca Turbo Technology

Air Squared

ZCJSD

Easyland Group

Key Questions Answered

1. How big is the global Fuel Cell Air Compressor market?
2. What is the demand of the global Fuel Cell Air Compressor market?
3. What is the year over year growth of the global Fuel Cell Air Compressor market?
4. What is the production and production value of the global Fuel Cell Air Compressor market?
5. Who are the key producers in the global Fuel Cell Air Compressor market?
6. What are the growth factors driving the market demand?

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