

# Global On-Board Hydrogen Cylinder Supply, Demand and Key Producers, 2024-2030

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## Abstracts

The global On-Board Hydrogen Cylinder market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

Hydrogen fuel cells store hydrogen gas in high-pressure cylinders, which are a very important part of fuel cells. As the core component of hydrogen fuel cell vehicles, the development level of hydrogen storage cylinders will directly determine the vehicle's endurance. Vehicle mounted high-pressure gaseous hydrogen storage cylinders mainly include aluminum inner liner fiber wound cylinders (Type III) and plastic inner liner fiber wound cylinders (Type IV). Vehicle mounted cylinders have characteristics such as limited volume, weight, special filling requirements, long service life, and variable usage environments. Therefore, lightweight, high pressure, high hydrogen storage mass ratio, and long service life are the characteristics of on-board hydrogen storage cylinders.

This report studies the global On-Board Hydrogen Cylinder production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for On-Board Hydrogen Cylinder, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of On-Board Hydrogen Cylinder that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global On-Board Hydrogen Cylinder total production and demand, 2019-2030, (K Units)

Global On-Board Hydrogen Cylinder total production value, 2019-2030, (USD Million)

Global On-Board Hydrogen Cylinder production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global On-Board Hydrogen Cylinder consumption by region & country, CAGR, 2019-2030 & (K Units)

U.S. VS China: On-Board Hydrogen Cylinder domestic production, consumption, key domestic manufacturers and share

Global On-Board Hydrogen Cylinder production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (K Units)

Global On-Board Hydrogen Cylinder production by Type, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global On-Board Hydrogen Cylinder production by Application production, value, CAGR, 2019-2030, (USD Million) & (K Units).

This reports profiles key players in the global On-Board Hydrogen Cylinder 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 Plastic Omnium, Hexagon Purus, Iljin Hysolus, NPROXX, Quantum, Japan Automobile Research Institute (JARI), Toyota, Impco and Jiangsu Guofu Hydrogen Energy Equipment, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World On-Board Hydrogen Cylinder market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by

year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

#### Global On-Board Hydrogen Cylinder Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global On-Board Hydrogen Cylinder Market, Segmentation by Type

Metal Lining

Plastic Lining

#### Global On-Board Hydrogen Cylinder Market, Segmentation by Application

Passenger Cars

Commercial Vehicle

#### Companies Profiled:

Plastic Omnium

Hexagon Purus

Ijijn Hysolus

NPROXX

Quantum

Japan Automobile Research Institute (JARI)

Toyota

Impco

Jiangsu Guofu Hydrogen Energy Equipment

CIMC Enric Holdings

Faurecia

Beijing Tianhai Industry

Beijing Ketaike Technology

Sinoma Science & Technology

KBC

Zhangjiagang Furui Heavy Equipment

Liaoning Meitu Technology

Zhejiang Kaibo Pressure Vessel

## Key Questions Answered

1. How big is the global On-Board Hydrogen Cylinder market?

*Global On-Board Hydrogen Cylinder Supply, Demand and Key Producers, 2024-2030*

2. What is the demand of the global On-Board Hydrogen Cylinder market?
3. What is the year over year growth of the global On-Board Hydrogen Cylinder market?
4. What is the production and production value of the global On-Board Hydrogen Cylinder market?
5. Who are the key producers in the global On-Board Hydrogen Cylinder market?

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