

Vehicle-Mounted Liquid Hydrogen System Industry Research Report 2025

<https://marketpublishers.com/r/VA3D445968BCEN.html>

Date: February 2025

Pages: 128

Price: US\$ 2,950.00 (Single User License)

ID: VA3D445968BCEN

Abstracts

Summary

According to APO Research, The global Vehicle-Mounted Liquid Hydrogen System market was valued at US\$ million in 2024 and is anticipated to reach US\$ million by 2031, witnessing a CAGR of xx% during the forecast period 2025-2031.

North American market for Vehicle-Mounted Liquid Hydrogen System is estimated to increase from \$ million in 2025 to reach \$ million by 2031, at a CAGR of % during the forecast period of 2025 through 2031.

Asia-Pacific market for Vehicle-Mounted Liquid Hydrogen System is estimated to increase from \$ million in 2025 to reach \$ million by 2031, at a CAGR of % during the forecast period of 2025 through 2031.

Europe market for Vehicle-Mounted Liquid Hydrogen System is estimated to increase from \$ million in 2025 to reach \$ million by 2031, at a CAGR of % during the forecast period of 2025 through 2031.

The major global companies of Vehicle-Mounted Liquid Hydrogen System include Air Liquide, Chart Industries, Faurecia, Hexagon Purus, ILJIN Hysolus, Nproxx, Quantum Fuel Systems, Toyota and Voith, etc. In 2024, the world's top three vendors accounted for approximately % of the revenue.

Report Scope

This report aims to provide a comprehensive presentation of the global market for

Vehicle-Mounted Liquid Hydrogen System, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Vehicle-Mounted Liquid Hydrogen System.

The Vehicle-Mounted Liquid Hydrogen System market size, estimations, and forecasts are provided in terms of revenue (\$ millions), considering 2024 as the base year, with history and forecast data for the period from 2020 to 2031. This report segments the global Vehicle-Mounted Liquid Hydrogen System market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2020-2025. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses.

Vehicle-Mounted Liquid Hydrogen System Segment by Company

Air Liquide

Chart Industries

Faurecia

Hexagon Purus

ILJIN Hysolus

Nprox

Quantum Fuel Systems

Toyota

Voith

Jiangsu Guofu Hydrogen Energy Equipment

Beijing Jingcheng Machinery Electric

Beijing Kotec Technology

Peric Hydrogen Technologies

Shunhua New Energy System

FTXT Energy Technology

Yapp Automotive Systems

SENZA Hydrogen Energy And Environmental Technology

CASC

Vehicle-Mounted Liquid Hydrogen System Segment by Type

35MPa

70MPa

Vehicle-Mounted Liquid Hydrogen System Segment by Application

Commercial Vehicles

Passenger Vehicles

Vehicle-Mounted Liquid Hydrogen System Segment by Application

Commercial Vehicles

Passenger Vehicles

Vehicle-Mounted Liquid Hydrogen System Segment by Region

North America

United States

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Spain

Russia

Netherlands

Nordic Countries

Asia-Pacific

China

Japan

South Korea

India

Australia

Taiwan

Southeast Asia

South America

Brazil

Argentina

Chile

Colombia

Middle East & Africa

Saudi Arabia

Israel

United Arab Emirates

Turkey

Iran

Egypt

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Vehicle-Mounted Liquid Hydrogen System market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Vehicle-Mounted Liquid Hydrogen System and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Vehicle-Mounted Liquid Hydrogen System.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Provides the analysis of various market segments product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 4: Provides the analysis of various market segments application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 5: Introduces executive summary of global market size, regional market size, this section also introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by companies in the industry, and the analysis of relevant policies in the industry.

Chapter 6: Detailed analysis of Vehicle-Mounted Liquid Hydrogen System companies' competitive landscape, revenue market share, latest development plan, merger, and acquisition information, etc.

Chapter 7, 8, 9, 10, 11: North America, Europe, Asia Pacific, South America, Middle East and Africa segment by country. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 12: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including revenue, gross margin, product introduction, recent development, etc.

Chapter 13: The main points and conclusions of the report.

Contents

1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Vehicle-Mounted Liquid Hydrogen System by Type
 - 2.2.1 Market Value Comparison by Type (2020 VS 2024 VS 2031)
 - 2.2.2 35MPa
 - 2.2.3 70MPa
- 2.3 Vehicle-Mounted Liquid Hydrogen System by Application
 - 2.3.1 Market Value Comparison by Application (2020 VS 2024 VS 2031)
 - 2.3.2 Commercial Vehicles
 - 2.3.3 Passenger Vehicles
- 2.4 Assumptions and Limitations

3 VEHICLE-MOUNTED LIQUID HYDROGEN SYSTEM BREAKDOWN DATA BY TYPE

- 3.1 Global Vehicle-Mounted Liquid Hydrogen System Historic Market Size by Type (2020-2025)
- 3.2 Global Vehicle-Mounted Liquid Hydrogen System Forecasted Market Size by Type (2026-2031)

4 VEHICLE-MOUNTED LIQUID HYDROGEN SYSTEM BREAKDOWN DATA BY APPLICATION

- 4.1 Global Vehicle-Mounted Liquid Hydrogen System Historic Market Size by Application (2020-2025)
- 4.2 Global Vehicle-Mounted Liquid Hydrogen System Forecasted Market Size by

Application (2026-2031)

5 GLOBAL GROWTH TRENDS

5.1 Global Vehicle-Mounted Liquid Hydrogen System Market Perspective (2020-2031)

5.2 Global Vehicle-Mounted Liquid Hydrogen System Growth Trends by Region

5.2.1 Global Vehicle-Mounted Liquid Hydrogen System Market Size by Region: 2020 VS 2024 VS 2031

5.2.2 Vehicle-Mounted Liquid Hydrogen System Historic Market Size by Region (2020-2025)

5.2.3 Vehicle-Mounted Liquid Hydrogen System Forecasted Market Size by Region (2026-2031)

5.3 Vehicle-Mounted Liquid Hydrogen System Market Dynamics

5.3.1 Vehicle-Mounted Liquid Hydrogen System Industry Trends

5.3.2 Vehicle-Mounted Liquid Hydrogen System Market Drivers

5.3.3 Vehicle-Mounted Liquid Hydrogen System Market Challenges

5.3.4 Vehicle-Mounted Liquid Hydrogen System Market Restraints

6 MARKET COMPETITIVE LANDSCAPE BY PLAYERS

6.1 Global Top Vehicle-Mounted Liquid Hydrogen System Players by Revenue

6.1.1 Global Top Vehicle-Mounted Liquid Hydrogen System Players by Revenue (2020-2025)

6.1.2 Global Vehicle-Mounted Liquid Hydrogen System Revenue Market Share by Players (2020-2025)

6.2 Global Vehicle-Mounted Liquid Hydrogen System Industry Players Ranking, 2023 VS 2024 VS 2025

6.3 Global Key Players of Vehicle-Mounted Liquid Hydrogen System Head Office and Area Served

6.4 Global Vehicle-Mounted Liquid Hydrogen System Players, Product Type & Application

6.5 Global Vehicle-Mounted Liquid Hydrogen System Manufacturers Established Date

6.6 Global Vehicle-Mounted Liquid Hydrogen System Market CR5 and HHI

6.7 Global Players Mergers & Acquisition

7 NORTH AMERICA

7.1 North America Vehicle-Mounted Liquid Hydrogen System Market Size (2020-2031)

7.2 North America Vehicle-Mounted Liquid Hydrogen System Market Growth Rate by

Country: 2020 VS 2024 VS 2031

7.3 North America Vehicle-Mounted Liquid Hydrogen System Market Size by Country (2020-2025)

7.4 North America Vehicle-Mounted Liquid Hydrogen System Market Size by Country (2026-2031)

7.5 United States

7.5 United States

7.6 Canada

7.7 Mexico

8 EUROPE

8.1 Europe Vehicle-Mounted Liquid Hydrogen System Market Size (2020-2031)

8.2 Europe Vehicle-Mounted Liquid Hydrogen System Market Growth Rate by Country: 2020 VS 2024 VS 2031

8.3 Europe Vehicle-Mounted Liquid Hydrogen System Market Size by Country (2020-2025)

8.4 Europe Vehicle-Mounted Liquid Hydrogen System Market Size by Country (2026-2031)

8.5 Germany

8.6 France

8.7 U.K.

8.8 Italy

8.9 Spain

8.10 Russia

8.11 Netherlands

8.12 Nordic Countries

9 ASIA-PACIFIC

9.1 Asia-Pacific Vehicle-Mounted Liquid Hydrogen System Market Size (2020-2031)

9.2 Asia-Pacific Vehicle-Mounted Liquid Hydrogen System Market Growth Rate by Country: 2020 VS 2024 VS 2031

9.3 Asia-Pacific Vehicle-Mounted Liquid Hydrogen System Market Size by Country (2020-2025)

9.4 Asia-Pacific Vehicle-Mounted Liquid Hydrogen System Market Size by Country (2026-2031)

9.5 China

9.6 Japan

- 9.7 South Korea
- 9.8 India
- 9.9 Australia
- 9.10 China Taiwan
- 9.11 Southeast Asia

10 SOUTH AMERICA

- 10.1 South America Vehicle-Mounted Liquid Hydrogen System Market Size (2020-2031)
- 10.2 South America Vehicle-Mounted Liquid Hydrogen System Market Growth Rate by Country: 2020 VS 2024 VS 2031
- 10.3 South America Vehicle-Mounted Liquid Hydrogen System Market Size by Country (2020-2025)
- 10.4 South America Vehicle-Mounted Liquid Hydrogen System Market Size by Country (2026-2031)
- 10.5 Brazil
- 10.6 Argentina
- 10.7 Chile
- 10.8 Colombia
- 10.9 Peru

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Vehicle-Mounted Liquid Hydrogen System Market Size (2020-2031)
- 11.2 Middle East & Africa Vehicle-Mounted Liquid Hydrogen System Market Growth Rate by Country: 2020 VS 2024 VS 2031
- 11.3 Middle East & Africa Vehicle-Mounted Liquid Hydrogen System Market Size by Country (2020-2025)
- 11.4 Middle East & Africa Vehicle-Mounted Liquid Hydrogen System Market Size by Country (2026-2031)
- 11.5 Saudi Arabia
- 11.6 Israel
- 11.7 United Arab Emirates
- 11.8 Turkey
- 11.9 Iran
- 11.10 Egypt

12 PLAYERS PROFILED

12.1 Air Liquide

12.1.1 Air Liquide Company Information

12.1.2 Air Liquide Business Overview

12.1.3 Air Liquide Revenue in Vehicle-Mounted Liquid Hydrogen System Business (2020-2025)

12.1.4 Air Liquide Vehicle-Mounted Liquid Hydrogen System Product Portfolio

12.1.5 Air Liquide Recent Developments

12.2 Chart Industries

12.2.1 Chart Industries Company Information

12.2.2 Chart Industries Business Overview

12.2.3 Chart Industries Revenue in Vehicle-Mounted Liquid Hydrogen System Business (2020-2025)

12.2.4 Chart Industries Vehicle-Mounted Liquid Hydrogen System Product Portfolio

12.2.5 Chart Industries Recent Developments

12.3 Faurecia

12.3.1 Faurecia Company Information

12.3.2 Faurecia Business Overview

12.3.3 Faurecia Revenue in Vehicle-Mounted Liquid Hydrogen System Business (2020-2025)

12.3.4 Faurecia Vehicle-Mounted Liquid Hydrogen System Product Portfolio

12.3.5 Faurecia Recent Developments

12.4 Hexagon Purus

12.4.1 Hexagon Purus Company Information

12.4.2 Hexagon Purus Business Overview

12.4.3 Hexagon Purus Revenue in Vehicle-Mounted Liquid Hydrogen System Business (2020-2025)

12.4.4 Hexagon Purus Vehicle-Mounted Liquid Hydrogen System Product Portfolio

12.4.5 Hexagon Purus Recent Developments

12.5 ILJIN Hysolus

12.5.1 ILJIN Hysolus Company Information

12.5.2 ILJIN Hysolus Business Overview

12.5.3 ILJIN Hysolus Revenue in Vehicle-Mounted Liquid Hydrogen System Business (2020-2025)

12.5.4 ILJIN Hysolus Vehicle-Mounted Liquid Hydrogen System Product Portfolio

12.5.5 ILJIN Hysolus Recent Developments

12.6 Nprox

12.6.1 Nprox Company Information

- 12.6.2 Nproxx Business Overview
- 12.6.3 Nproxx Revenue in Vehicle-Mounted Liquid Hydrogen System Business (2020-2025)
- 12.6.4 Nproxx Vehicle-Mounted Liquid Hydrogen System Product Portfolio
- 12.6.5 Nproxx Recent Developments
- 12.7 Quantum Fuel Systems
 - 12.7.1 Quantum Fuel Systems Company Information
 - 12.7.2 Quantum Fuel Systems Business Overview
 - 12.7.3 Quantum Fuel Systems Revenue in Vehicle-Mounted Liquid Hydrogen System Business (2020-2025)
 - 12.7.4 Quantum Fuel Systems Vehicle-Mounted Liquid Hydrogen System Product Portfolio
 - 12.7.5 Quantum Fuel Systems Recent Developments
- 12.8 Toyota
 - 12.8.1 Toyota Company Information
 - 12.8.2 Toyota Business Overview
 - 12.8.3 Toyota Revenue in Vehicle-Mounted Liquid Hydrogen System Business (2020-2025)
 - 12.8.4 Toyota Vehicle-Mounted Liquid Hydrogen System Product Portfolio
 - 12.8.5 Toyota Recent Developments
- 12.9 Voith
 - 12.9.1 Voith Company Information
 - 12.9.2 Voith Business Overview
 - 12.9.3 Voith Revenue in Vehicle-Mounted Liquid Hydrogen System Business (2020-2025)
 - 12.9.4 Voith Vehicle-Mounted Liquid Hydrogen System Product Portfolio
 - 12.9.5 Voith Recent Developments
- 12.10 Jiangsu Guofu Hydrogen Energy Equipment
 - 12.10.1 Jiangsu Guofu Hydrogen Energy Equipment Company Information
 - 12.10.2 Jiangsu Guofu Hydrogen Energy Equipment Business Overview
 - 12.10.3 Jiangsu Guofu Hydrogen Energy Equipment Revenue in Vehicle-Mounted Liquid Hydrogen System Business (2020-2025)
 - 12.10.4 Jiangsu Guofu Hydrogen Energy Equipment Vehicle-Mounted Liquid Hydrogen System Product Portfolio
 - 12.10.5 Jiangsu Guofu Hydrogen Energy Equipment Recent Developments
- 12.11 Beijing Jingcheng Machinery Electric
 - 12.11.1 Beijing Jingcheng Machinery Electric Company Information
 - 12.11.2 Beijing Jingcheng Machinery Electric Business Overview
 - 12.11.3 Beijing Jingcheng Machinery Electric Revenue in Vehicle-Mounted Liquid

Hydrogen System Business (2020-2025)

12.11.4 Beijing Jingcheng Machinery Electric Vehicle-Mounted Liquid Hydrogen System Product Portfolio

12.11.5 Beijing Jingcheng Machinery Electric Recent Developments

12.12 Beijing Kotec Technology

12.12.1 Beijing Kotec Technology Company Information

12.12.2 Beijing Kotec Technology Business Overview

12.12.3 Beijing Kotec Technology Revenue in Vehicle-Mounted Liquid Hydrogen System Business (2020-2025)

12.12.4 Beijing Kotec Technology Vehicle-Mounted Liquid Hydrogen System Product Portfolio

12.12.5 Beijing Kotec Technology Recent Developments

12.13 Peric Hydrogen Technologies

12.13.1 Peric Hydrogen Technologies Company Information

12.13.2 Peric Hydrogen Technologies Business Overview

12.13.3 Peric Hydrogen Technologies Revenue in Vehicle-Mounted Liquid Hydrogen System Business (2020-2025)

12.13.4 Peric Hydrogen Technologies Vehicle-Mounted Liquid Hydrogen System Product Portfolio

12.13.5 Peric Hydrogen Technologies Recent Developments

12.14 Shunhua New Energy System

12.14.1 Shunhua New Energy System Company Information

12.14.2 Shunhua New Energy System Business Overview

12.14.3 Shunhua New Energy System Revenue in Vehicle-Mounted Liquid Hydrogen System Business (2020-2025)

12.14.4 Shunhua New Energy System Vehicle-Mounted Liquid Hydrogen System Product Portfolio

12.14.5 Shunhua New Energy System Recent Developments

12.15 FTXT Energy Technology

12.15.1 FTXT Energy Technology Company Information

12.15.2 FTXT Energy Technology Business Overview

12.15.3 FTXT Energy Technology Revenue in Vehicle-Mounted Liquid Hydrogen System Business (2020-2025)

12.15.4 FTXT Energy Technology Vehicle-Mounted Liquid Hydrogen System Product Portfolio

12.15.5 FTXT Energy Technology Recent Developments

12.16 Yapp Automotive Systems

12.16.1 Yapp Automotive Systems Company Information

12.16.2 Yapp Automotive Systems Business Overview

12.16.3 Yapp Automotive Systems Revenue in Vehicle-Mounted Liquid Hydrogen System Business (2020-2025)

12.16.4 Yapp Automotive Systems Vehicle-Mounted Liquid Hydrogen System Product Portfolio

12.16.5 Yapp Automotive Systems Recent Developments

12.17 SENZA Hydrogen Energy And Environmental Technology

12.17.1 SENZA Hydrogen Energy And Environmental Technology Company Information

12.17.2 SENZA Hydrogen Energy And Environmental Technology Business Overview

12.17.3 SENZA Hydrogen Energy And Environmental Technology Revenue in Vehicle-Mounted Liquid Hydrogen System Business (2020-2025)

12.17.4 SENZA Hydrogen Energy And Environmental Technology Vehicle-Mounted Liquid Hydrogen System Product Portfolio

12.17.5 SENZA Hydrogen Energy And Environmental Technology Recent Developments

12.18 CASC

12.18.1 CASC Company Information

12.18.2 CASC Business Overview

12.18.3 CASC Revenue in Vehicle-Mounted Liquid Hydrogen System Business (2020-2025)

12.18.4 CASC Vehicle-Mounted Liquid Hydrogen System Product Portfolio

12.18.5 CASC Recent Developments

13 REPORT CONCLUSION

14 DISCLAIMER

I would like to order

Product name: Vehicle-Mounted Liquid Hydrogen System Industry Research Report 2025

Product link: <https://marketpublishers.com/r/VA3D445968BCEN.html>

Price: US\$ 2,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/VA3D445968BCEN.html>