

# Global Hydrogen Gas Engines Supply, Demand and Key Producers, 2024-2030

<https://marketpublishers.com/r/GE00BFF09A4CEN.html>

Date: March 2024

Pages: 116

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

ID: GE00BFF09A4CEN

## Abstracts

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

Hydrogen gas engines refer to internal combustion engines that are designed to run on hydrogen gas as a fuel source. Hydrogen is a clean and abundant element, and when used in combustion engines, it can produce energy with minimal environmental impact, as the primary byproduct is water vapor.

This report studies the global Hydrogen Gas Engines production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Hydrogen Gas Engines, 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 Hydrogen Gas Engines that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Hydrogen Gas Engines total production and demand, 2019-2030, (Units)

Global Hydrogen Gas Engines total production value, 2019-2030, (USD Million)

Global Hydrogen Gas Engines production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (Units)

Global Hydrogen Gas Engines consumption by region & country, CAGR, 2019-2030 & (Units)

U.S. VS China: Hydrogen Gas Engines domestic production, consumption, key domestic manufacturers and share

Global Hydrogen Gas Engines production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (Units)

Global Hydrogen Gas Engines production by Type, production, value, CAGR, 2019-2030, (USD Million) & (Units)

Global Hydrogen Gas Engines production by Application production, value, CAGR, 2019-2030, (USD Million) & (Units).

This reports profiles key players in the global Hydrogen Gas Engines 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 Cummins, Garrett - Advancing Motion, DAF, Yuchai, AVL, INNIO Jenbacher, Toyota, JCB and DEUTZ, 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 Hydrogen Gas Engines market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (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 Hydrogen Gas Engines Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global Hydrogen Gas Engines Market, Segmentation by Type

Hydrogen Internal Combustion Engines (HICE)

Hydrogen Fuel Cell Engines

### Global Hydrogen Gas Engines Market, Segmentation by Application

Transportation

Automotive

Aerospace and Aviation

Others

### Companies Profiled:

Cummins

Garrett - Advancing Motion

DAF

Yuchai

AVL

INNIO Jenbacher

Toyota

JCB

DEUTZ

VM Motori

FEV

PHINIA

MHIET

Rolls-Royce Power Systems

## Key Questions Answered

1. How big is the global Hydrogen Gas Engines market?
2. What is the demand of the global Hydrogen Gas Engines market?
3. What is the year over year growth of the global Hydrogen Gas Engines market?
4. What is the production and production value of the global Hydrogen Gas Engines market?
5. Who are the key producers in the global Hydrogen Gas Engines market?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Hydrogen Gas Engines Introduction
- 1.2 World Hydrogen Gas Engines Supply & Forecast
  - 1.2.1 World Hydrogen Gas Engines Production Value (2019 & 2023 & 2030)
  - 1.2.2 World Hydrogen Gas Engines Production (2019-2030)
  - 1.2.3 World Hydrogen Gas Engines Pricing Trends (2019-2030)
- 1.3 World Hydrogen Gas Engines Production by Region (Based on Production Site)
  - 1.3.1 World Hydrogen Gas Engines Production Value by Region (2019-2030)
  - 1.3.2 World Hydrogen Gas Engines Production by Region (2019-2030)
  - 1.3.3 World Hydrogen Gas Engines Average Price by Region (2019-2030)
  - 1.3.4 North America Hydrogen Gas Engines Production (2019-2030)
  - 1.3.5 Europe Hydrogen Gas Engines Production (2019-2030)
  - 1.3.6 China Hydrogen Gas Engines Production (2019-2030)
  - 1.3.7 Japan Hydrogen Gas Engines Production (2019-2030)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Hydrogen Gas Engines Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Hydrogen Gas Engines Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Hydrogen Gas Engines Demand (2019-2030)
- 2.2 World Hydrogen Gas Engines Consumption by Region
  - 2.2.1 World Hydrogen Gas Engines Consumption by Region (2019-2024)
  - 2.2.2 World Hydrogen Gas Engines Consumption Forecast by Region (2025-2030)
- 2.3 United States Hydrogen Gas Engines Consumption (2019-2030)
- 2.4 China Hydrogen Gas Engines Consumption (2019-2030)
- 2.5 Europe Hydrogen Gas Engines Consumption (2019-2030)
- 2.6 Japan Hydrogen Gas Engines Consumption (2019-2030)
- 2.7 South Korea Hydrogen Gas Engines Consumption (2019-2030)
- 2.8 ASEAN Hydrogen Gas Engines Consumption (2019-2030)
- 2.9 India Hydrogen Gas Engines Consumption (2019-2030)

### 3 WORLD HYDROGEN GAS ENGINES MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Hydrogen Gas Engines Production Value by Manufacturer (2019-2024)
- 3.2 World Hydrogen Gas Engines Production by Manufacturer (2019-2024)
- 3.3 World Hydrogen Gas Engines Average Price by Manufacturer (2019-2024)
- 3.4 Hydrogen Gas Engines Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Hydrogen Gas Engines Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Hydrogen Gas Engines in 2023
  - 3.5.3 Global Concentration Ratios (CR8) for Hydrogen Gas Engines in 2023
- 3.6 Hydrogen Gas Engines Market: Overall Company Footprint Analysis
  - 3.6.1 Hydrogen Gas Engines Market: Region Footprint
  - 3.6.2 Hydrogen Gas Engines Market: Company Product Type Footprint
  - 3.6.3 Hydrogen Gas Engines Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
  - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

## **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

- 4.1 United States VS China: Hydrogen Gas Engines Production Value Comparison
  - 4.1.1 United States VS China: Hydrogen Gas Engines Production Value Comparison (2019 & 2023 & 2030)
  - 4.1.2 United States VS China: Hydrogen Gas Engines Production Value Market Share Comparison (2019 & 2023 & 2030)
- 4.2 United States VS China: Hydrogen Gas Engines Production Comparison
  - 4.2.1 United States VS China: Hydrogen Gas Engines Production Comparison (2019 & 2023 & 2030)
  - 4.2.2 United States VS China: Hydrogen Gas Engines Production Market Share Comparison (2019 & 2023 & 2030)
- 4.3 United States VS China: Hydrogen Gas Engines Consumption Comparison
  - 4.3.1 United States VS China: Hydrogen Gas Engines Consumption Comparison (2019 & 2023 & 2030)
  - 4.3.2 United States VS China: Hydrogen Gas Engines Consumption Market Share Comparison (2019 & 2023 & 2030)
- 4.4 United States Based Hydrogen Gas Engines Manufacturers and Market Share, 2019-2024
  - 4.4.1 United States Based Hydrogen Gas Engines Manufacturers, Headquarters and

## Production Site (States, Country)

4.4.2 United States Based Manufacturers Hydrogen Gas Engines Production Value (2019-2024)

4.4.3 United States Based Manufacturers Hydrogen Gas Engines Production (2019-2024)

## 4.5 China Based Hydrogen Gas Engines Manufacturers and Market Share

4.5.1 China Based Hydrogen Gas Engines Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Hydrogen Gas Engines Production Value (2019-2024)

4.5.3 China Based Manufacturers Hydrogen Gas Engines Production (2019-2024)

## 4.6 Rest of World Based Hydrogen Gas Engines Manufacturers and Market Share, 2019-2024

4.6.1 Rest of World Based Hydrogen Gas Engines Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Hydrogen Gas Engines Production Value (2019-2024)

4.6.3 Rest of World Based Manufacturers Hydrogen Gas Engines Production (2019-2024)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Hydrogen Gas Engines Market Size Overview by Type: 2019 VS 2023 VS 2030

5.2 Segment Introduction by Type

5.2.1 Hydrogen Internal Combustion Engines (HICE)

5.2.2 Hydrogen Fuel Cell Engines

5.3 Market Segment by Type

5.3.1 World Hydrogen Gas Engines Production by Type (2019-2030)

5.3.2 World Hydrogen Gas Engines Production Value by Type (2019-2030)

5.3.3 World Hydrogen Gas Engines Average Price by Type (2019-2030)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Hydrogen Gas Engines Market Size Overview by Application: 2019 VS 2023 VS 2030

6.2 Segment Introduction by Application

6.2.1 Transportation

6.2.2 Automotive

6.2.3 Aerospace and Aviation

6.2.4 Others

6.3 Market Segment by Application

6.3.1 World Hydrogen Gas Engines Production by Application (2019-2030)

6.3.2 World Hydrogen Gas Engines Production Value by Application (2019-2030)

6.3.3 World Hydrogen Gas Engines Average Price by Application (2019-2030)

## **7 COMPANY PROFILES**

7.1 Cummins

7.1.1 Cummins Details

7.1.2 Cummins Major Business

7.1.3 Cummins Hydrogen Gas Engines Product and Services

7.1.4 Cummins Hydrogen Gas Engines Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.1.5 Cummins Recent Developments/Updates

7.1.6 Cummins Competitive Strengths & Weaknesses

7.2 Garrett - Advancing Motion

7.2.1 Garrett - Advancing Motion Details

7.2.2 Garrett - Advancing Motion Major Business

7.2.3 Garrett - Advancing Motion Hydrogen Gas Engines Product and Services

7.2.4 Garrett - Advancing Motion Hydrogen Gas Engines Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.2.5 Garrett - Advancing Motion Recent Developments/Updates

7.2.6 Garrett - Advancing Motion Competitive Strengths & Weaknesses

7.3 DAF

7.3.1 DAF Details

7.3.2 DAF Major Business

7.3.3 DAF Hydrogen Gas Engines Product and Services

7.3.4 DAF Hydrogen Gas Engines Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.3.5 DAF Recent Developments/Updates

7.3.6 DAF Competitive Strengths & Weaknesses

7.4 Yuchai

7.4.1 Yuchai Details

7.4.2 Yuchai Major Business

7.4.3 Yuchai Hydrogen Gas Engines Product and Services

7.4.4 Yuchai Hydrogen Gas Engines Production, Price, Value, Gross Margin and Market Share (2019-2024)



- 7.4.5 Yuchai Recent Developments/Updates
- 7.4.6 Yuchai Competitive Strengths & Weaknesses
- 7.5 AVL
  - 7.5.1 AVL Details
  - 7.5.2 AVL Major Business
  - 7.5.3 AVL Hydrogen Gas Engines Product and Services
  - 7.5.4 AVL Hydrogen Gas Engines Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.5.5 AVL Recent Developments/Updates
  - 7.5.6 AVL Competitive Strengths & Weaknesses
- 7.6 INNIO Jenbacher
  - 7.6.1 INNIO Jenbacher Details
  - 7.6.2 INNIO Jenbacher Major Business
  - 7.6.3 INNIO Jenbacher Hydrogen Gas Engines Product and Services
  - 7.6.4 INNIO Jenbacher Hydrogen Gas Engines Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.6.5 INNIO Jenbacher Recent Developments/Updates
  - 7.6.6 INNIO Jenbacher Competitive Strengths & Weaknesses
- 7.7 Toyota
  - 7.7.1 Toyota Details
  - 7.7.2 Toyota Major Business
  - 7.7.3 Toyota Hydrogen Gas Engines Product and Services
  - 7.7.4 Toyota Hydrogen Gas Engines Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.7.5 Toyota Recent Developments/Updates
  - 7.7.6 Toyota Competitive Strengths & Weaknesses
- 7.8 JCB
  - 7.8.1 JCB Details
  - 7.8.2 JCB Major Business
  - 7.8.3 JCB Hydrogen Gas Engines Product and Services
  - 7.8.4 JCB Hydrogen Gas Engines Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.8.5 JCB Recent Developments/Updates
  - 7.8.6 JCB Competitive Strengths & Weaknesses
- 7.9 DEUTZ
  - 7.9.1 DEUTZ Details
  - 7.9.2 DEUTZ Major Business
  - 7.9.3 DEUTZ Hydrogen Gas Engines Product and Services
  - 7.9.4 DEUTZ Hydrogen Gas Engines Production, Price, Value, Gross Margin and

## Market Share (2019-2024)

7.9.5 DEUTZ Recent Developments/Updates

7.9.6 DEUTZ Competitive Strengths & Weaknesses

## 7.10 VM Motori

7.10.1 VM Motori Details

7.10.2 VM Motori Major Business

7.10.3 VM Motori Hydrogen Gas Engines Product and Services

7.10.4 VM Motori Hydrogen Gas Engines Production, Price, Value, Gross Margin and

## Market Share (2019-2024)

7.10.5 VM Motori Recent Developments/Updates

7.10.6 VM Motori Competitive Strengths & Weaknesses

## 7.11 FEV

7.11.1 FEV Details

7.11.2 FEV Major Business

7.11.3 FEV Hydrogen Gas Engines Product and Services

7.11.4 FEV Hydrogen Gas Engines Production, Price, Value, Gross Margin and

## Market Share (2019-2024)

7.11.5 FEV Recent Developments/Updates

7.11.6 FEV Competitive Strengths & Weaknesses

## 7.12 PHINIA

7.12.1 PHINIA Details

7.12.2 PHINIA Major Business

7.12.3 PHINIA Hydrogen Gas Engines Product and Services

7.12.4 PHINIA Hydrogen Gas Engines Production, Price, Value, Gross Margin and

## Market Share (2019-2024)

7.12.5 PHINIA Recent Developments/Updates

7.12.6 PHINIA Competitive Strengths & Weaknesses

## 7.13 MHIET

7.13.1 MHIET Details

7.13.2 MHIET Major Business

7.13.3 MHIET Hydrogen Gas Engines Product and Services

7.13.4 MHIET Hydrogen Gas Engines Production, Price, Value, Gross Margin and

## Market Share (2019-2024)

7.13.5 MHIET Recent Developments/Updates

7.13.6 MHIET Competitive Strengths & Weaknesses

## 7.14 Rolls-Royce Power Systems

7.14.1 Rolls-Royce Power Systems Details

7.14.2 Rolls-Royce Power Systems Major Business

7.14.3 Rolls-Royce Power Systems Hydrogen Gas Engines Product and Services

7.14.4 Rolls-Royce Power Systems Hydrogen Gas Engines Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.14.5 Rolls-Royce Power Systems Recent Developments/Updates

7.14.6 Rolls-Royce Power Systems Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

8.1 Hydrogen Gas Engines Industry Chain

8.2 Hydrogen Gas Engines Upstream Analysis

8.2.1 Hydrogen Gas Engines Core Raw Materials

8.2.2 Main Manufacturers of Hydrogen Gas Engines Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Hydrogen Gas Engines Production Mode

8.6 Hydrogen Gas Engines Procurement Model

8.7 Hydrogen Gas Engines Industry Sales Model and Sales Channels

8.7.1 Hydrogen Gas Engines Sales Model

8.7.2 Hydrogen Gas Engines Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Hydrogen Gas Engines Production Value by Region (2019, 2023 and 2030) & (USD Million)

Table 2. World Hydrogen Gas Engines Production Value by Region (2019-2024) & (USD Million)

Table 3. World Hydrogen Gas Engines Production Value by Region (2025-2030) & (USD Million)

Table 4. World Hydrogen Gas Engines Production Value Market Share by Region (2019-2024)

Table 5. World Hydrogen Gas Engines Production Value Market Share by Region (2025-2030)

Table 6. World Hydrogen Gas Engines Production by Region (2019-2024) & (Units)

Table 7. World Hydrogen Gas Engines Production by Region (2025-2030) & (Units)

Table 8. World Hydrogen Gas Engines Production Market Share by Region (2019-2024)

Table 9. World Hydrogen Gas Engines Production Market Share by Region (2025-2030)

Table 10. World Hydrogen Gas Engines Average Price by Region (2019-2024) & (US\$/Unit)

Table 11. World Hydrogen Gas Engines Average Price by Region (2025-2030) & (US\$/Unit)

Table 12. Hydrogen Gas Engines Major Market Trends

Table 13. World Hydrogen Gas Engines Consumption Growth Rate Forecast by Region (2019 & 2023 & 2030) & (Units)

Table 14. World Hydrogen Gas Engines Consumption by Region (2019-2024) & (Units)

Table 15. World Hydrogen Gas Engines Consumption Forecast by Region (2025-2030) & (Units)

Table 16. World Hydrogen Gas Engines Production Value by Manufacturer (2019-2024) & (USD Million)

Table 17. Production Value Market Share of Key Hydrogen Gas Engines Producers in 2023

Table 18. World Hydrogen Gas Engines Production by Manufacturer (2019-2024) & (Units)

Table 19. Production Market Share of Key Hydrogen Gas Engines Producers in 2023

Table 20. World Hydrogen Gas Engines Average Price by Manufacturer (2019-2024) & (US\$/Unit)

Table 21. Global Hydrogen Gas Engines Company Evaluation Quadrant

Table 22. World Hydrogen Gas Engines Industry Rank of Major Manufacturers, Based

on Production Value in 2023

Table 23. Head Office and Hydrogen Gas Engines Production Site of Key Manufacturer

Table 24. Hydrogen Gas Engines Market: Company Product Type Footprint

Table 25. Hydrogen Gas Engines Market: Company Product Application Footprint

Table 26. Hydrogen Gas Engines Competitive Factors

Table 27. Hydrogen Gas Engines New Entrant and Capacity Expansion Plans

Table 28. Hydrogen Gas Engines Mergers & Acquisitions Activity

Table 29. United States VS China Hydrogen Gas Engines Production Value Comparison, (2019 & 2023 & 2030) & (USD Million)

Table 30. United States VS China Hydrogen Gas Engines Production Comparison, (2019 & 2023 & 2030) & (Units)

Table 31. United States VS China Hydrogen Gas Engines Consumption Comparison, (2019 & 2023 & 2030) & (Units)

Table 32. United States Based Hydrogen Gas Engines Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Hydrogen Gas Engines Production Value, (2019-2024) & (USD Million)

Table 34. United States Based Manufacturers Hydrogen Gas Engines Production Value Market Share (2019-2024)

Table 35. United States Based Manufacturers Hydrogen Gas Engines Production (2019-2024) & (Units)

Table 36. United States Based Manufacturers Hydrogen Gas Engines Production Market Share (2019-2024)

Table 37. China Based Hydrogen Gas Engines Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Hydrogen Gas Engines Production Value, (2019-2024) & (USD Million)

Table 39. China Based Manufacturers Hydrogen Gas Engines Production Value Market Share (2019-2024)

Table 40. China Based Manufacturers Hydrogen Gas Engines Production (2019-2024) & (Units)

Table 41. China Based Manufacturers Hydrogen Gas Engines Production Market Share (2019-2024)

Table 42. Rest of World Based Hydrogen Gas Engines Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Hydrogen Gas Engines Production Value, (2019-2024) & (USD Million)

Table 44. Rest of World Based Manufacturers Hydrogen Gas Engines Production Value Market Share (2019-2024)

Table 45. Rest of World Based Manufacturers Hydrogen Gas Engines Production (2019-2024) & (Units)

Table 46. Rest of World Based Manufacturers Hydrogen Gas Engines Production Market Share (2019-2024)

Table 47. World Hydrogen Gas Engines Production Value by Type, (USD Million), 2019 & 2023 & 2030

Table 48. World Hydrogen Gas Engines Production by Type (2019-2024) & (Units)

Table 49. World Hydrogen Gas Engines Production by Type (2025-2030) & (Units)

Table 50. World Hydrogen Gas Engines Production Value by Type (2019-2024) & (USD Million)

Table 51. World Hydrogen Gas Engines Production Value by Type (2025-2030) & (USD Million)

Table 52. World Hydrogen Gas Engines Average Price by Type (2019-2024) & (US\$/Unit)

Table 53. World Hydrogen Gas Engines Average Price by Type (2025-2030) & (US\$/Unit)

Table 54. World Hydrogen Gas Engines Production Value by Application, (USD Million), 2019 & 2023 & 2030

Table 55. World Hydrogen Gas Engines Production by Application (2019-2024) & (Units)

Table 56. World Hydrogen Gas Engines Production by Application (2025-2030) & (Units)

Table 57. World Hydrogen Gas Engines Production Value by Application (2019-2024) & (USD Million)

Table 58. World Hydrogen Gas Engines Production Value by Application (2025-2030) & (USD Million)

Table 59. World Hydrogen Gas Engines Average Price by Application (2019-2024) & (US\$/Unit)

Table 60. World Hydrogen Gas Engines Average Price by Application (2025-2030) & (US\$/Unit)

Table 61. Cummins Basic Information, Manufacturing Base and Competitors

Table 62. Cummins Major Business

Table 63. Cummins Hydrogen Gas Engines Product and Services

Table 64. Cummins Hydrogen Gas Engines Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 65. Cummins Recent Developments/Updates

Table 66. Cummins Competitive Strengths & Weaknesses

Table 67. Garrett - Advancing Motion Basic Information, Manufacturing Base and Competitors

- Table 68. Garrett - Advancing Motion Major Business
- Table 69. Garrett - Advancing Motion Hydrogen Gas Engines Product and Services
- Table 70. Garrett - Advancing Motion Hydrogen Gas Engines Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 71. Garrett - Advancing Motion Recent Developments/Updates
- Table 72. Garrett - Advancing Motion Competitive Strengths & Weaknesses
- Table 73. DAF Basic Information, Manufacturing Base and Competitors
- Table 74. DAF Major Business
- Table 75. DAF Hydrogen Gas Engines Product and Services
- Table 76. DAF Hydrogen Gas Engines Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 77. DAF Recent Developments/Updates
- Table 78. DAF Competitive Strengths & Weaknesses
- Table 79. Yuchai Basic Information, Manufacturing Base and Competitors
- Table 80. Yuchai Major Business
- Table 81. Yuchai Hydrogen Gas Engines Product and Services
- Table 82. Yuchai Hydrogen Gas Engines Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 83. Yuchai Recent Developments/Updates
- Table 84. Yuchai Competitive Strengths & Weaknesses
- Table 85. AVL Basic Information, Manufacturing Base and Competitors
- Table 86. AVL Major Business
- Table 87. AVL Hydrogen Gas Engines Product and Services
- Table 88. AVL Hydrogen Gas Engines Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 89. AVL Recent Developments/Updates
- Table 90. AVL Competitive Strengths & Weaknesses
- Table 91. INNIO Jenbacher Basic Information, Manufacturing Base and Competitors
- Table 92. INNIO Jenbacher Major Business
- Table 93. INNIO Jenbacher Hydrogen Gas Engines Product and Services
- Table 94. INNIO Jenbacher Hydrogen Gas Engines Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 95. INNIO Jenbacher Recent Developments/Updates
- Table 96. INNIO Jenbacher Competitive Strengths & Weaknesses
- Table 97. Toyota Basic Information, Manufacturing Base and Competitors
- Table 98. Toyota Major Business
- Table 99. Toyota Hydrogen Gas Engines Product and Services

- Table 100. Toyota Hydrogen Gas Engines Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 101. Toyota Recent Developments/Updates
- Table 102. Toyota Competitive Strengths & Weaknesses
- Table 103. JCB Basic Information, Manufacturing Base and Competitors
- Table 104. JCB Major Business
- Table 105. JCB Hydrogen Gas Engines Product and Services
- Table 106. JCB Hydrogen Gas Engines Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 107. JCB Recent Developments/Updates
- Table 108. JCB Competitive Strengths & Weaknesses
- Table 109. DEUTZ Basic Information, Manufacturing Base and Competitors
- Table 110. DEUTZ Major Business
- Table 111. DEUTZ Hydrogen Gas Engines Product and Services
- Table 112. DEUTZ Hydrogen Gas Engines Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 113. DEUTZ Recent Developments/Updates
- Table 114. DEUTZ Competitive Strengths & Weaknesses
- Table 115. VM Motori Basic Information, Manufacturing Base and Competitors
- Table 116. VM Motori Major Business
- Table 117. VM Motori Hydrogen Gas Engines Product and Services
- Table 118. VM Motori Hydrogen Gas Engines Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 119. VM Motori Recent Developments/Updates
- Table 120. VM Motori Competitive Strengths & Weaknesses
- Table 121. FEV Basic Information, Manufacturing Base and Competitors
- Table 122. FEV Major Business
- Table 123. FEV Hydrogen Gas Engines Product and Services
- Table 124. FEV Hydrogen Gas Engines Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 125. FEV Recent Developments/Updates
- Table 126. FEV Competitive Strengths & Weaknesses
- Table 127. PHINIA Basic Information, Manufacturing Base and Competitors
- Table 128. PHINIA Major Business
- Table 129. PHINIA Hydrogen Gas Engines Product and Services
- Table 130. PHINIA Hydrogen Gas Engines Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 131. PHINIA Recent Developments/Updates
- Table 132. PHINIA Competitive Strengths & Weaknesses



Table 133. MHIET Basic Information, Manufacturing Base and Competitors

Table 134. MHIET Major Business

Table 135. MHIET Hydrogen Gas Engines Product and Services

Table 136. MHIET Hydrogen Gas Engines Production (Units), Price (US\$/Unit),  
Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 137. MHIET Recent Developments/Updates

Table 138. Rolls-Royce Power Systems Basic Information, Manufacturing Base and  
Competitors

Table 139. Rolls-Royce Power Systems Major Business

Table 140. Rolls-Royce Power Systems Hydrogen Gas Engines Product and Services

Table 141. Rolls-Royce Power Systems Hydrogen Gas Engines Production (Units),  
Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share  
(2019-2024)

Table 142. Global Key Players of Hydrogen Gas Engines Upstream (Raw Materials)

Table 143. Hydrogen Gas Engines Typical Customers

Table 144. Hydrogen Gas Engines Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Hydrogen Gas Engines Picture

Figure 2. World Hydrogen Gas Engines Production Value: 2019 & 2023 & 2030, (USD Million)

Figure 3. World Hydrogen Gas Engines Production Value and Forecast (2019-2030) & (USD Million)

Figure 4. World Hydrogen Gas Engines Production (2019-2030) & (Units)

Figure 5. World Hydrogen Gas Engines Average Price (2019-2030) & (US\$/Unit)

Figure 6. World Hydrogen Gas Engines Production Value Market Share by Region (2019-2030)

Figure 7. World Hydrogen Gas Engines Production Market Share by Region (2019-2030)

Figure 8. North America Hydrogen Gas Engines Production (2019-2030) & (Units)

Figure 9. Europe Hydrogen Gas Engines Production (2019-2030) & (Units)

Figure 10. China Hydrogen Gas Engines Production (2019-2030) & (Units)

Figure 11. Japan Hydrogen Gas Engines Production (2019-2030) & (Units)

Figure 12. Hydrogen Gas Engines Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Hydrogen Gas Engines Consumption (2019-2030) & (Units)

Figure 15. World Hydrogen Gas Engines Consumption Market Share by Region (2019-2030)

Figure 16. United States Hydrogen Gas Engines Consumption (2019-2030) & (Units)

Figure 17. China Hydrogen Gas Engines Consumption (2019-2030) & (Units)

Figure 18. Europe Hydrogen Gas Engines Consumption (2019-2030) & (Units)

Figure 19. Japan Hydrogen Gas Engines Consumption (2019-2030) & (Units)

Figure 20. South Korea Hydrogen Gas Engines Consumption (2019-2030) & (Units)

Figure 21. ASEAN Hydrogen Gas Engines Consumption (2019-2030) & (Units)

Figure 22. India Hydrogen Gas Engines Consumption (2019-2030) & (Units)

Figure 23. Producer Shipments of Hydrogen Gas Engines by Manufacturer Revenue (\$MM) and Market Share (%): 2023

Figure 24. Global Four-firm Concentration Ratios (CR4) for Hydrogen Gas Engines Markets in 2023

Figure 25. Global Four-firm Concentration Ratios (CR8) for Hydrogen Gas Engines Markets in 2023

Figure 26. United States VS China: Hydrogen Gas Engines Production Value Market Share Comparison (2019 & 2023 & 2030)

Figure 27. United States VS China: Hydrogen Gas Engines Production Market Share Comparison (2019 & 2023 & 2030)

Figure 28. United States VS China: Hydrogen Gas Engines Consumption Market Share Comparison (2019 & 2023 & 2030)

Figure 29. United States Based Manufacturers Hydrogen Gas Engines Production Market Share 2023

Figure 30. China Based Manufacturers Hydrogen Gas Engines Production Market Share 2023

Figure 31. Rest of World Based Manufacturers Hydrogen Gas Engines Production Market Share 2023

Figure 32. World Hydrogen Gas Engines Production Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 33. World Hydrogen Gas Engines Production Value Market Share by Type in 2023

Figure 34. Hydrogen Internal Combustion Engines (HICE)

Figure 35. Hydrogen Fuel Cell Engines

Figure 36. World Hydrogen Gas Engines Production Market Share by Type (2019-2030)

Figure 37. World Hydrogen Gas Engines Production Value Market Share by Type (2019-2030)

Figure 38. World Hydrogen Gas Engines Average Price by Type (2019-2030) & (US\$/Unit)

Figure 39. World Hydrogen Gas Engines Production Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 40. World Hydrogen Gas Engines Production Value Market Share by Application in 2023

Figure 41. Transportation

Figure 42. Automotive

Figure 43. Aerospace and Aviation

Figure 44. Others

Figure 45. World Hydrogen Gas Engines Production Market Share by Application (2019-2030)

Figure 46. World Hydrogen Gas Engines Production Value Market Share by Application (2019-2030)

Figure 47. World Hydrogen Gas Engines Average Price by Application (2019-2030) & (US\$/Unit)

Figure 48. Hydrogen Gas Engines Industry Chain

Figure 49. Hydrogen Gas Engines Procurement Model

Figure 50. Hydrogen Gas Engines Sales Model

Figure 51. Hydrogen Gas Engines Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source

## I would like to order

Product name: Global Hydrogen Gas Engines Supply, Demand and Key Producers, 2024-2030

Product link: <https://marketpublishers.com/r/GE00BFF09A4CEN.html>

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

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GE00BFF09A4CEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970