

Global Ammonia-Diesel Dual-Fuel Engine Market 2026 by Company, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G89423E12C8DEN.html>

Date: July 2026

Pages: 98

Price: US\$ 3,480.00 (Single User License)

ID: G89423E12C8DEN

Abstracts

According to our (Global Info Research) latest study, the global Ammonia-Diesel Dual-Fuel Engine market size was valued at US\$ 247 million in 2025 and is forecast to a readjusted size of US\$ 1488 million by 2032 with a CAGR of 29.6% during review period.

Ammonia-Diesel Dual-Fuel Engine is an internal combustion engine designed to operate using both ammonia and diesel fuels. In this configuration, diesel is typically used as a pilot fuel to initiate combustion, while ammonia serves as the primary energy source. This type of engine leverages the low carbon content of ammonia to reduce greenhouse gas emissions, while maintaining combustion stability and energy efficiency through diesel supplementation. It is considered a transitional solution for decarbonizing heavy-duty transportation and marine propulsion systems.

The Ammonia-Diesel Dual-Fuel Engine market report provides a detailed analysis of global market size, regional and country-level market size, segmentation market growth, market share, competitive Landscape, sales analysis, impact of domestic and global market players, value chain optimization, trade regulations, recent developments, opportunities analysis, strategic market growth analysis, product launches, area marketplace expanding, and technological innovations.

Market segmentation

Ammonia-Diesel Dual-Fuel Engine market is split by Type and by Application. For the period 2026-2032, the growth among segments provide accurate calculations and forecasts for revenue by Type and by Application. This analysis can help you expand

your business by targeting qualified niche markets.

Market segment by Type,

2-stroke Ammonia Engine

4-stroke Ammonia Engine

Market segment by Application

Cargo Ships

Special Vessels

Others

Market segment by players, this report covers

MAN Energy Solutions

WinGD

MITSUI E&S

Wärtsilä

J-ENG

IHI Power Systems

CRRC Corporation

Market segment by regions, regional analysis covers

North America

Europe

Asia-Pacific (China, Japan, South Korea, Rest of Asia)

South America

Middle East & Africa

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Ammonia-Diesel Dual-Fuel Engine

1.2 Classification of Ammonia-Diesel Dual-Fuel Engine by Type

1.2.1 Overview: Global Ammonia-Diesel Dual-Fuel Engine Market Size by Type: 2026 Versus 2032

1.2.2 Global Ammonia-Diesel Dual-Fuel Engine Revenue Market Share by Type in 2032

1.2.3 2-stroke Ammonia Engine

1.2.4 4-stroke Ammonia Engine

1.3 Global Ammonia-Diesel Dual-Fuel Engine Market by Application

1.3.1 Overview: Global Ammonia-Diesel Dual-Fuel Engine Market Size by Application: 2026 Versus 2032

1.3.2 Cargo Ships

1.3.3 Special Vessels

1.3.4 Others

1.4 Global Ammonia-Diesel Dual-Fuel Engine Market Size & Forecast

1.5 Market Drivers, Restraints and Trends

1.5.1 Ammonia-Diesel Dual-Fuel Engine Market Drivers

1.5.2 Ammonia-Diesel Dual-Fuel Engine Market Restraints

1.5.3 Ammonia-Diesel Dual-Fuel Engine Trends Analysis

2 COMPANY PROFILES

2.1 MAN Energy Solutions

2.1.1 MAN Energy Solutions Details

2.1.2 MAN Energy Solutions Major Business

2.1.3 MAN Energy Solutions Ammonia-Diesel Dual-Fuel Engine Product and Solutions

2.1.4 MAN Energy Solutions Recent Developments and Future Plans

2.2 WinGD

2.2.1 WinGD Details

2.2.2 WinGD Major Business

2.2.3 WinGD Ammonia-Diesel Dual-Fuel Engine Product and Solutions

2.2.4 WinGD Recent Developments and Future Plans

2.3 MITSUI E&S

2.3.1 MITSUI E&S Details

2.3.2 MITSUI E&S Major Business

2.3.3 MITSUI E&S Ammonia-Diesel Dual-Fuel Engine Product and Solutions

2.3.4 MITSUI E&S Recent Developments and Future Plans

2.4 Wartsilä

2.4.1 Wartsilä Details

2.4.2 Wartsilä Major Business

2.4.3 Wartsilä Ammonia-Diesel Dual-Fuel Engine Product and Solutions

2.4.4 Wartsilä Recent Developments and Future Plans

2.5 J-ENG

2.5.1 J-ENG Details

2.5.2 J-ENG Major Business

2.5.3 J-ENG Ammonia-Diesel Dual-Fuel Engine Product and Solutions

2.5.4 J-ENG Recent Developments and Future Plans

2.6 IHI Power Systems

2.6.1 IHI Power Systems Details

2.6.2 IHI Power Systems Major Business

2.6.3 IHI Power Systems Ammonia-Diesel Dual-Fuel Engine Product and Solutions

2.6.4 IHI Power Systems Recent Developments and Future Plans

2.7 CRRC Corporation

2.7.1 CRRC Corporation Details

2.7.2 CRRC Corporation Major Business

2.7.3 CRRC Corporation Ammonia-Diesel Dual-Fuel Engine Product and Solutions

2.7.4 CRRC Corporation Recent Developments and Future Plans

3 MARKET COMPETITION, BY PLAYERS

3.1 Global Ammonia-Diesel Dual-Fuel Engine Revenue and Share by Players (2026 & 2032)

3.2 Ammonia-Diesel Dual-Fuel Engine Players Head Office, Products and Services Provided

3.3 Ammonia-Diesel Dual-Fuel Engine Mergers & Acquisitions

3.4 Ammonia-Diesel Dual-Fuel Engine New Entrants and Expansion Plans

4 GLOBAL AMMONIA-DIESEL DUAL-FUEL ENGINE FORECAST BY REGION

4.1 Global Ammonia-Diesel Dual-Fuel Engine Market Size by Region: 2026 VS 2032

4.2 Global Ammonia-Diesel Dual-Fuel Engine Market Size by Region, (2026-2032)

4.3 North America

4.3.1 Key Companies of Ammonia-Diesel Dual-Fuel Engine in North America

4.3.2 Current Situation and Forecast of Ammonia-Diesel Dual-Fuel Engine in North

America

4.3.3 North America Ammonia-Diesel Dual-Fuel Engine Market Size and Prospect (2026-2032)

4.4 Europe

4.4.1 Key Companies of Ammonia-Diesel Dual-Fuel Engine in Europe

4.4.2 Current Situation and Forecast of Ammonia-Diesel Dual-Fuel Engine in Europe

4.4.3 Europe Ammonia-Diesel Dual-Fuel Engine Market Size and Prospect (2026-2032)

4.5 Asia-Pacific

4.5.1 Key Companies of Ammonia-Diesel Dual-Fuel Engine in Asia-Pacific

4.5.2 Current Situation and Forecast of Ammonia-Diesel Dual-Fuel Engine in Asia-Pacific

4.5.3 Asia-Pacific Ammonia-Diesel Dual-Fuel Engine Market Size and Prospect (2026-2032)

4.5.4 China

4.5.5 Japan

4.5.6 South Korea

4.6 South America

4.6.1 Key Companies of Ammonia-Diesel Dual-Fuel Engine in South America

4.6.2 Current Situation and Forecast of Ammonia-Diesel Dual-Fuel Engine in South America

4.6.3 South America Ammonia-Diesel Dual-Fuel Engine Market Size and Prospect (2026-2032)

4.7 Middle East & Africa

4.7.1 Key Companies of Ammonia-Diesel Dual-Fuel Engine in Middle East & Africa

4.7.2 Current Situation and Forecast of Ammonia-Diesel Dual-Fuel Engine in Middle East & Africa

4.7.3 Middle East & Africa Ammonia-Diesel Dual-Fuel Engine Market Size and Prospect (2026-2032)

5 MARKET SIZE SEGMENT BY TYPE

5.1 Global Ammonia-Diesel Dual-Fuel Engine Market Forecast by Type (2026-2032)

5.2 Global Ammonia-Diesel Dual-Fuel Engine Market Share Forecast by Type (2026-2032)

6 MARKET SIZE SEGMENT BY APPLICATION

6.1 Global Ammonia-Diesel Dual-Fuel Engine Market Forecast by Application

(2026-2032)

6.2 Global Ammonia-Diesel Dual-Fuel Engine Market Share Forecast by Application

(2026-2032)

7 RESEARCH FINDINGS AND CONCLUSION

8 APPENDIX

8.1 Methodology

8.2 Research Process and Data Source

8.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Ammonia-Diesel Dual-Fuel Engine Revenue by Type, (USD Million) 2026 VS 2032

Table 2. Global Ammonia-Diesel Dual-Fuel Engine Revenue by Application, (USD Million), 2026 VS 2032

Table 3. MAN Energy Solutions Corporate Information, Head Office, and Major Competitors

Table 4. MAN Energy Solutions Major Business

Table 5. MAN Energy Solutions Ammonia-Diesel Dual-Fuel Engine Product and Solutions

Table 6. WinGD Corporate Information, Head Office, and Major Competitors

Table 7. WinGD Major Business

Table 8. WinGD Ammonia-Diesel Dual-Fuel Engine Product and Solutions

Table 9. MITSUI E&S Corporate Information, Head Office, and Major Competitors

Table 10. MITSUI E&S Major Business

Table 11. MITSUI E&S Ammonia-Diesel Dual-Fuel Engine Product and Solutions

Table 12. Wärtsilä Corporate Information, Head Office, and Major Competitors

Table 13. Wärtsilä Major Business

Table 14. Wärtsilä Ammonia-Diesel Dual-Fuel Engine Product and Solutions

Table 15. J-ENG Corporate Information, Head Office, and Major Competitors

Table 16. J-ENG Major Business

Table 17. J-ENG Ammonia-Diesel Dual-Fuel Engine Product and Solutions

Table 18. IHI Power Systems Corporate Information, Head Office, and Major Competitors

Table 19. IHI Power Systems Major Business

Table 20. IHI Power Systems Ammonia-Diesel Dual-Fuel Engine Product and Solutions

Table 21. CRRC Corporation Corporate Information, Head Office, and Major Competitors

Table 22. CRRC Corporation Major Business

Table 23. CRRC Corporation Ammonia-Diesel Dual-Fuel Engine Product and Solutions

Table 24. Global Ammonia-Diesel Dual-Fuel Engine Revenue (USD Million) by Players (2026 & 2032)

Table 25. Global Ammonia-Diesel Dual-Fuel Engine Revenue Share by Players (2026 & 2032)

Table 26. Ammonia-Diesel Dual-Fuel Engine Players Head Office, Products and Services Provided

Table 27. Ammonia-Diesel Dual-Fuel Engine Mergers & Acquisitions in the Past Five Years

Table 28. Ammonia-Diesel Dual-Fuel Engine New Entrants and Expansion Plans

Table 29. Global Market Ammonia-Diesel Dual-Fuel Engine Revenue (USD Million) Comparison by Region (2026 VS 2032)

Table 30. Global Ammonia-Diesel Dual-Fuel Engine Revenue Market Share by Region (2026-2032)

Table 31. Key Companies of Ammonia-Diesel Dual-Fuel Engine in North America

Table 32. Current Situation and Forecast of Ammonia-Diesel Dual-Fuel Engine in North America

Table 33. Key Companies of Ammonia-Diesel Dual-Fuel Engine in Europe

Table 34. Current Situation and Forecast of Ammonia-Diesel Dual-Fuel Engine in Europe

Table 35. Key Companies of Ammonia-Diesel Dual-Fuel Engine in Asia-Pacific

Table 36. Current Situation and Forecast of Ammonia-Diesel Dual-Fuel Engine in Asia-Pacific

Table 37. Key Companies of Ammonia-Diesel Dual-Fuel Engine in China

Table 38. Key Companies of Ammonia-Diesel Dual-Fuel Engine in Japan

Table 39. Key Companies of Ammonia-Diesel Dual-Fuel Engine in South Korea

Table 40. Key Companies of Ammonia-Diesel Dual-Fuel Engine in South America

Table 41. Current Situation and Forecast of Ammonia-Diesel Dual-Fuel Engine in South America

Table 42. Key Companies of Ammonia-Diesel Dual-Fuel Engine in Middle East & Africa

Table 43. Current Situation and Forecast of Ammonia-Diesel Dual-Fuel Engine in Middle East & Africa

Table 44. Global Ammonia-Diesel Dual-Fuel Engine Revenue Forecast by Type (2026-2032)

Table 45. Global Ammonia-Diesel Dual-Fuel Engine Revenue Forecast by Application (2026-2032)

List Of Figures

LIST OF FIGURES

- Figure 1. Ammonia-Diesel Dual-Fuel Engine Picture
- Figure 2. Global Ammonia-Diesel Dual-Fuel Engine Revenue Market Share by Type in 2032
- Figure 3. 2-stroke Ammonia Engine
- Figure 4. 4-stroke Ammonia Engine
- Figure 5. Ammonia-Diesel Dual-Fuel Engine Revenue Market Share by Application in 2032
- Figure 6. Cargo Ships Picture
- Figure 7. Special Vessels Picture
- Figure 8. Others Picture
- Figure 9. Global Ammonia-Diesel Dual-Fuel Engine Market Size, (USD Million): 2026 VS 2032
- Figure 10. Global Ammonia-Diesel Dual-Fuel Engine Revenue and Forecast (2026-2032) & (USD Million)
- Figure 11. Ammonia-Diesel Dual-Fuel Engine Market Drivers
- Figure 12. Ammonia-Diesel Dual-Fuel Engine Market Restraints
- Figure 13. Ammonia-Diesel Dual-Fuel Engine Market Trends
- Figure 14. MAN Energy Solutions Recent Developments and Future Plans
- Figure 15. WinGD Recent Developments and Future Plans
- Figure 16. MITSUI E&S Recent Developments and Future Plans
- Figure 17. Wärtsilä Recent Developments and Future Plans
- Figure 18. J-ENG Recent Developments and Future Plans
- Figure 19. IHI Power Systems Recent Developments and Future Plans
- Figure 20. CRRC Corporation Recent Developments and Future Plans
- Figure 21. Global Ammonia-Diesel Dual-Fuel Engine Revenue Market Share by Region (2026-2032)
- Figure 22. Global Ammonia-Diesel Dual-Fuel Engine Revenue Market Share by Region in 2032
- Figure 23. North America Ammonia-Diesel Dual-Fuel Engine Revenue (USD Million) and Growth Rate (2026-2032)
- Figure 24. Europe Ammonia-Diesel Dual-Fuel Engine Revenue (USD Million) and Growth Rate (2026-2032)
- Figure 25. Asia-Pacific Ammonia-Diesel Dual-Fuel Engine Revenue (USD Million) and Growth Rate (2026-2032)
- Figure 26. South America Ammonia-Diesel Dual-Fuel Engine Revenue (USD Million)

and Growth Rate (2026-2032)

Figure 27. Middle East & Africa Ammonia-Diesel Dual-Fuel Engine Revenue (USD Million) and Growth Rate (2026-2032)

Figure 28. Global Ammonia-Diesel Dual-Fuel Engine Market Share Forecast by Type (2026-2032)

Figure 29. Global Ammonia-Diesel Dual-Fuel Engine Market Share Forecast by Application (2026-2032)

Figure 30. Methodology

Figure 31. Research Process and Data Source

I would like to order

Product name: Global Ammonia-Diesel Dual-Fuel Engine Market 2026 by Company, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G89423E12C8DEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G89423E12C8DEN.html>