

# Global Large-Scale Industrial Ammonia Cracking Technology Market Growth (Status and Outlook) 2025-2031

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## Abstracts

According to this study, the global Large-Scale Industrial Ammonia Cracking Technology market size will reach US\$ 2026 million by 2031.

Large-scale industrial ammonia cracking technology refers to the process of thermally decomposing ammonia (NH<sub>3</sub>) into hydrogen (H<sub>2</sub>) and nitrogen (N<sub>2</sub>) at an industrial scale, typically using high temperatures (500–800°C) and catalytic methods. This technology is primarily used for hydrogen production, where ammonia serves as a hydrogen carrier due to its high energy density and ease of storage and transportation.

LPI (LP Information)' newest research report, the “Large-Scale Industrial Ammonia Cracking Technology Industry Forecast” looks at past sales and reviews total world Large-Scale Industrial Ammonia Cracking Technology sales in 2024, providing a comprehensive analysis by region and market sector of projected Large-Scale Industrial Ammonia Cracking Technology sales for 2025 through 2031. With Large-Scale Industrial Ammonia Cracking Technology sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Large-Scale Industrial Ammonia Cracking Technology industry.

This Insight Report provides a comprehensive analysis of the global Large-Scale Industrial Ammonia Cracking Technology landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading global companies with a focus on Large-Scale Industrial Ammonia Cracking Technology portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global

## Large-Scale Industrial Ammonia Cracking Technology market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Large-Scale Industrial Ammonia Cracking Technology and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Large-Scale Industrial Ammonia Cracking Technology.

This report presents a comprehensive overview, market shares, and growth opportunities of Large-Scale Industrial Ammonia Cracking Technology market by product type, application, key players and key regions and countries.

### Segmentation by Type:

Ammonia Cracker

Catalyst

Others

### Segmentation by Application:

Ship

Automobile

Hydrogen Generation Plant

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

## APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Reaction Engines

AFC Energy

H2SITE

Johnson Matthey

Topsoe

Metacon

Heraeus

Clariant

Amogy

BASF

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Large-Scale Industrial Ammonia Cracking Technology Market Size 2025-2031
  - 2.1.2 Large-Scale Industrial Ammonia Cracking Technology Market Size CAGR by Region
- 2.2 Large-Scale Industrial Ammonia Cracking Technology Segment by Type
  - 2.2.1 Ammonia Cracker
  - 2.2.2 Catalyst
  - 2.2.3 Others
- 2.3 Large-Scale Industrial Ammonia Cracking Technology Market Size by Type
  - 2.3.1 Global Large-Scale Industrial Ammonia Cracking Technology Market Size Market Share by Type (2025-2031)
  - 2.3.2 Global Large-Scale Industrial Ammonia Cracking Technology Market Size Growth Rate by Type (2025-2031)
- 2.4 Large-Scale Industrial Ammonia Cracking Technology Segment by Application
  - 2.4.1 Ship
  - 2.4.2 Automobile
  - 2.4.3 Hydrogen Generation Plant
  - 2.4.4 Others
- 2.5 Large-Scale Industrial Ammonia Cracking Technology Market Size by Application (2025-2031)
  - 2.5.1 Global Large-Scale Industrial Ammonia Cracking Technology Market Size Market Share by Application (2025-2031)
  - 2.5.2 Global Large-Scale Industrial Ammonia Cracking Technology Market Size Growth Rate by Application (2025-2031)

### **3 LARGE-SCALE INDUSTRIAL AMMONIA CRACKING TECHNOLOGY KEY PLAYERS**

- 3.1 Date of Key Players Enter into Large-Scale Industrial Ammonia Cracking Technology
- 3.2 Key Players Large-Scale Industrial Ammonia Cracking Technology Product Offered
- 3.3 Key Players Large-Scale Industrial Ammonia Cracking Technology Funding/Investment Analysis
- 3.4 Funding/Investment
  - 3.4.1 Funding/Investment by Regions
  - 3.4.2 Funding/Investment by End-Industry
- 3.5 Key Players Large-Scale Industrial Ammonia Cracking Technology Valuation & Market Capitalization
- 3.6 Key Players Mergers & Acquisitions, Expansion Plans
- 3.7 Market Ranking
- 3.8 New Product/Technology Launches
- 3.9 Partnerships, Agreements, and Collaborations
- 3.10 Mergers and Acquisitions

### **4 LARGE-SCALE INDUSTRIAL AMMONIA CRACKING TECHNOLOGY BY REGIONS**

- 4.1 Large-Scale Industrial Ammonia Cracking Technology Market Size by Regions (2025-2031)
- 4.2 United States Large-Scale Industrial Ammonia Cracking Technology Market Size Growth (2025-2031)
- 4.3 China Large-Scale Industrial Ammonia Cracking Technology Market Size Growth (2025-2031)
- 4.4 Europe Large-Scale Industrial Ammonia Cracking Technology Market Size Growth (2025-2031)
- 4.5 Rest of World Large-Scale Industrial Ammonia Cracking Technology Market Size Growth (2025-2031)

### **5 UNITED STATES**

- 5.1 United States Large-Scale Industrial Ammonia Cracking Technology Market Size by Type (2025-2031)
- 5.2 United States Large-Scale Industrial Ammonia Cracking Technology Market Size by

Application (2025-2031)

## **6 EUROPE**

6.1 Europe Large-Scale Industrial Ammonia Cracking Technology Market Size by Type (2025-2031)

6.2 Europe Large-Scale Industrial Ammonia Cracking Technology Market Size by Application (2025-2031)

## **7 CHINA**

7.1 China Large-Scale Industrial Ammonia Cracking Technology Market Size by Type (2025-2031)

7.2 China Large-Scale Industrial Ammonia Cracking Technology Market Size by Application (2025-2031)

## **8 REST OF WORLD**

8.1 Rest of World Large-Scale Industrial Ammonia Cracking Technology Market Size by Type (2025-2031)

8.2 Rest of World Large-Scale Industrial Ammonia Cracking Technology Market Size by Application (2025-2031)

8.3 Japan

8.4 South Korea

8.5 Southeast Asia

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 KEY INVESTORS IN LARGE-SCALE INDUSTRIAL AMMONIA CRACKING TECHNOLOGY**

10.1 Company A

10.1.1 Company A Company Details

10.1.2 Company Description

10.1.3 Companies Invested by Company A

- 10.1.4 Company A Key Development and Market Layout
- 10.2 Company B
  - 10.2.1 Company B Company Details
  - 10.2.2 Company Description
  - 10.2.3 Companies Invested by Company B
  - 10.2.4 Company B Key Development and Market Layout
- 10.3 Company C
  - 10.3.1 Company C Company Details
  - 10.3.2 Company Description
  - 10.3.3 Companies Invested by Company C
  - 10.3.4 Company C Key Development and Market Layout
- 10.4 Company D
- 10.5 .....

## **11 KEY PLAYERS ANALYSIS**

- 11.1 Reaction Engines
  - 11.1.1 Reaction Engines Company Details
  - 11.1.2 Reaction Engines Large-Scale Industrial Ammonia Cracking Technology Product Offered
  - 11.1.3 Reaction Engines Large-Scale Industrial Ammonia Cracking Technology Market Size (2024 VS 2030)
  - 11.1.4 Reaction Engines Main Business Overview
  - 11.1.5 Reaction Engines News
- 11.2 AFC Energy
  - 11.2.1 AFC Energy Company Details
  - 11.2.2 AFC Energy Large-Scale Industrial Ammonia Cracking Technology Product Offered
  - 11.2.3 AFC Energy Large-Scale Industrial Ammonia Cracking Technology Market Size (2024 VS 2030)
  - 11.2.4 AFC Energy Main Business Overview
  - 11.2.5 AFC Energy News
- 11.3 H2SITE
  - 11.3.1 H2SITE Company Details
  - 11.3.2 H2SITE Large-Scale Industrial Ammonia Cracking Technology Product Offered
  - 11.3.3 H2SITE Large-Scale Industrial Ammonia Cracking Technology Market Size (2024 VS 2030)
  - 11.3.4 H2SITE Main Business Overview
  - 11.3.5 H2SITE News

## 11.4 Johnson Matthey

### 11.4.1 Johnson Matthey Company Details

### 11.4.2 Johnson Matthey Large-Scale Industrial Ammonia Cracking Technology

#### Product Offered

### 11.4.3 Johnson Matthey Large-Scale Industrial Ammonia Cracking Technology Market Size (2024 VS 2030)

### 11.4.4 Johnson Matthey Main Business Overview

### 11.4.5 Johnson Matthey News

## 11.5 Topsoe

### 11.5.1 Topsoe Company Details

### 11.5.2 Topsoe Large-Scale Industrial Ammonia Cracking Technology Product Offered

### 11.5.3 Topsoe Large-Scale Industrial Ammonia Cracking Technology Market Size (2024 VS 2030)

### 11.5.4 Topsoe Main Business Overview

### 11.5.5 Topsoe News

## 11.6 Metacon

### 11.6.1 Metacon Company Details

### 11.6.2 Metacon Large-Scale Industrial Ammonia Cracking Technology Product Offered

### 11.6.3 Metacon Large-Scale Industrial Ammonia Cracking Technology Market Size (2024 VS 2030)

### 11.6.4 Metacon Main Business Overview

### 11.6.5 Metacon News

## 11.7 Heraeus

### 11.7.1 Heraeus Company Details

### 11.7.2 Heraeus Large-Scale Industrial Ammonia Cracking Technology Product Offered

### 11.7.3 Heraeus Large-Scale Industrial Ammonia Cracking Technology Market Size (2024 VS 2030)

### 11.7.4 Heraeus Main Business Overview

### 11.7.5 Heraeus News

## 11.8 Clariant

### 11.8.1 Clariant Company Details

### 11.8.2 Clariant Large-Scale Industrial Ammonia Cracking Technology Product Offered

### 11.8.3 Clariant Large-Scale Industrial Ammonia Cracking Technology Market Size (2024 VS 2030)

### 11.8.4 Clariant Main Business Overview

### 11.8.5 Clariant News

## 11.9 Amogy

### 11.9.1 Amogy Company Details

### 11.9.2 Amogy Large-Scale Industrial Ammonia Cracking Technology Product Offered

11.9.3 Amogy Large-Scale Industrial Ammonia Cracking Technology Market Size  
(2024 VS 2030)

11.9.4 Amogy Main Business Overview

11.9.5 Amogy News

11.10 BASF

11.10.1 BASF Company Details

11.10.2 BASF Large-Scale Industrial Ammonia Cracking Technology Product Offered

11.10.3 BASF Large-Scale Industrial Ammonia Cracking Technology Market Size  
(2024 VS 2030)

11.10.4 BASF Main Business Overview

11.10.5 BASF News

## **12 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Large-Scale Industrial Ammonia Cracking Technology Market Size CAGR by Region (2025-2031) (\$ millions)

Table 2. Major Players of Ammonia Cracker

Table 3. Major Players of Catalyst

Table 4. Major Players of Others

Table 5. Global Market Size by Type (2025-2031) (\$ millions)

Table 6. Global Large-Scale Industrial Ammonia Cracking Technology Market Size Market Share by Type (2025-2031)

Table 7. Global Large-Scale Industrial Ammonia Cracking Technology Market Size by Application (2025-2031) (\$ millions)

Table 8. Global Large-Scale Industrial Ammonia Cracking Technology Market Size Market Share by Application (2025-2031)

Table 9. Date of Global Key Players Enter into Large-Scale Industrial Ammonia Cracking Technology Market

Table 10. Global Key Players Large-Scale Industrial Ammonia Cracking Technology Product Offered

Table 11. Key Players Large-Scale Industrial Ammonia Cracking Technology Funding/Investment (Million USD)

Table 12. Funding/Investment by Regions

Table 13. Funding/Investment by End-Industry

Table 14. Key Players Large-Scale Industrial Ammonia Cracking Technology Valuation & Market Capitalization (Million USD)

Table 15. Key Players Mergers & Acquisitions, Expansion Plans

Table 16. Large-Scale Industrial Ammonia Cracking Technology New Product/Technology Launches

Table 17. Large-Scale Industrial Ammonia Cracking Technology Industry Partnerships, Agreements, and Collaborations

Table 18. Large-Scale Industrial Ammonia Cracking Technology Industry Mergers and Acquisitions

Table 19. Global Large-Scale Industrial Ammonia Cracking Technology Market Size by Regions 2025-2031 (\$ millions)

Table 20. Global Large-Scale Industrial Ammonia Cracking Technology Market Size Market Share by Regions 2025-2031

Table 21. United States Large-Scale Industrial Ammonia Cracking Technology Market Size by Type (2025-2031) (\$ millions)

Table 22. United States Large-Scale Industrial Ammonia Cracking Technology Market Size Market Share by Type (2025-2031)

Table 23. United States Large-Scale Industrial Ammonia Cracking Technology Market Size by Application (2025-2031) (\$ millions)

Table 24. United States Large-Scale Industrial Ammonia Cracking Technology Market Size Market Share by Application (2025-2031)

Table 25. Europe Large-Scale Industrial Ammonia Cracking Technology Market Size by Type (2025-2031) (\$ millions)

Table 26. Europe Large-Scale Industrial Ammonia Cracking Technology Market Size Market Share by Type (2025-2031)

Table 27. Europe Large-Scale Industrial Ammonia Cracking Technology Market Size by Application (2025-2031) (\$ millions)

Table 28. Europe Large-Scale Industrial Ammonia Cracking Technology Market Size Market Share by Application (2025-2031)

Table 29. China Large-Scale Industrial Ammonia Cracking Technology Market Size by Type (2025-2031) (\$ millions)

Table 30. China Large-Scale Industrial Ammonia Cracking Technology Market Size Market Share by Type (2025-2031)

Table 31. China Large-Scale Industrial Ammonia Cracking Technology Market Size by Application (2025-2031) (\$ millions)

Table 32. China Large-Scale Industrial Ammonia Cracking Technology Market Size Market Share by Application (2025-2031)

Table 33. Rest of World Large-Scale Industrial Ammonia Cracking Technology Market Size by Type (2025-2031) (\$ millions)

Table 34. Rest of World Large-Scale Industrial Ammonia Cracking Technology Market Size Market Share by Type (2025-2031)

Table 35. Rest of World Large-Scale Industrial Ammonia Cracking Technology Market Size by Application (2025-2031) (\$ millions)

Table 36. Rest of World Large-Scale Industrial Ammonia Cracking Technology Market Size Market Share by Application (2025-2031)

Table 37. Key Market Drivers & Growth Opportunities of Large-Scale Industrial Ammonia Cracking Technology

Table 38. Key Market Challenges & Risks of Large-Scale Industrial Ammonia Cracking Technology

Table 39. Key Industry Trends of Large-Scale Industrial Ammonia Cracking Technology

Table 40. Company A Company Details

Table 41. Companies Invested by Company A

Table 42. Company A Key Development and Market Layout

Table 43. Company B Company Details

Table 44. Companies Invested by Company B

Table 45. Company B Key Development and Market Layout

Table 46. Company C Company Details

Table 47. Companies Invested by Company C

Table 48. Company C Key Development and Market Layout

Table 49. Reaction Engines Basic Information, Head Office, Major Market Areas and Its Competitors

Table 50. Reaction Engines Large-Scale Industrial Ammonia Cracking Technology Market Size (2024 VS 2030)

Table 51. AFC Energy Basic Information, Head Office, Major Market Areas and Its Competitors

Table 52. AFC Energy Large-Scale Industrial Ammonia Cracking Technology Market Size (2024 VS 2030)

Table 53. H2SITE Basic Information, Head Office, Major Market Areas and Its Competitors

Table 54. H2SITE Large-Scale Industrial Ammonia Cracking Technology Market Size (2024 VS 2030)

Table 55. Johnson Matthey Basic Information, Head Office, Major Market Areas and Its Competitors

Table 56. Johnson Matthey Large-Scale Industrial Ammonia Cracking Technology Market Size (2024 VS 2030)

Table 57. Topsoe Basic Information, Head Office, Major Market Areas and Its Competitors

Table 58. Topsoe Large-Scale Industrial Ammonia Cracking Technology Market Size (2024 VS 2030)

Table 59. Metacon Basic Information, Head Office, Major Market Areas and Its Competitors

Table 60. Metacon Large-Scale Industrial Ammonia Cracking Technology Market Size (2024 VS 2030)

Table 61. Heraeus Basic Information, Head Office, Major Market Areas and Its Competitors

Table 62. Heraeus Large-Scale Industrial Ammonia Cracking Technology Market Size (2024 VS 2030)

Table 63. Clariant Basic Information, Head Office, Major Market Areas and Its Competitors

Table 64. Clariant Large-Scale Industrial Ammonia Cracking Technology Market Size (2024 VS 2030)

Table 65. Amogy Basic Information, Head Office, Major Market Areas and Its Competitors

Table 66. Amogy Large-Scale Industrial Ammonia Cracking Technology Market Size (2024 VS 2030)

Table 67. BASF Basic Information, Head Office, Major Market Areas and Its Competitors

Table 68. BASF Large-Scale Industrial Ammonia Cracking Technology Market Size (2024 VS 2030)

## List Of Figures

### LIST OF FIGURES

Figure 1. Picture of Large-Scale Industrial Ammonia Cracking Technology

Figure 2. Large-Scale Industrial Ammonia Cracking Technology Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Large-Scale Industrial Ammonia Cracking Technology Market Size Growth Rate 2025-2031 (\$ millions)

Figure 7. Large-Scale Industrial Ammonia Cracking Technology Market Size by Region (2024 & 2031) (\$ millions)

Figure 8. Global Large-Scale Industrial Ammonia Cracking Technology Market Size Market Share by Type (2025-2031)

Figure 9. Global Ammonia Cracker Market Size Growth Rate

Figure 10. Global Catalyst Market Size Growth Rate

Figure 11. Large-Scale Industrial Ammonia Cracking Technology in Ship

Figure 12. Global Large-Scale Industrial Ammonia Cracking Technology Market: Ship (2025-2031) (\$ millions)

Figure 13. Large-Scale Industrial Ammonia Cracking Technology in Automobile

Figure 14. Global Large-Scale Industrial Ammonia Cracking Technology Market: Automobile (2025-2031) (\$ millions)

Figure 15. Large-Scale Industrial Ammonia Cracking Technology in Hydrogen Generation Plant

Figure 16. Global Large-Scale Industrial Ammonia Cracking Technology Market: Hydrogen Generation Plant (2025-2031) (\$ millions)

Figure 17. Large-Scale Industrial Ammonia Cracking Technology in Others

Figure 18. Global Large-Scale Industrial Ammonia Cracking Technology Market: Others (2025-2031) (\$ millions)

Figure 19. Global Large-Scale Industrial Ammonia Cracking Technology Market Size Market Share by Application (2025-2031)

Figure 20. Global Large-Scale Industrial Ammonia Cracking Technology Market Size in Ship Growth Rate

Figure 21. Global Large-Scale Industrial Ammonia Cracking Technology Market Size in Automobile Growth Rate

Figure 22. Funding/Investment

Figure 23. Global Large-Scale Industrial Ammonia Cracking Technology Market Size

## Market Share by Regions 2025-2031

Figure 24. United States Large-Scale Industrial Ammonia Cracking Technology Market Size 2025-2031 (\$ millions)

Figure 25. China Large-Scale Industrial Ammonia Cracking Technology Market Size 2025-2031 (\$ millions)

Figure 26. Europe Large-Scale Industrial Ammonia Cracking Technology Market Size 2025-2031 (\$ millions)

Figure 27. Rest of World Large-Scale Industrial Ammonia Cracking Technology Market Size 2025-2031 (\$ millions)

Figure 28. United States Large-Scale Industrial Ammonia Cracking Technology Consumption Market Share by Type in 2029

Figure 29. United States Large-Scale Industrial Ammonia Cracking Technology Market Size Market Share by Application in 2029

Figure 30. Europe Large-Scale Industrial Ammonia Cracking Technology Consumption Market Share by Type in 2029

Figure 31. Europe Large-Scale Industrial Ammonia Cracking Technology Market Size Market Share by Application in 2029

Figure 32. China Large-Scale Industrial Ammonia Cracking Technology Consumption Market Share by Type in 2029

Figure 33. China Large-Scale Industrial Ammonia Cracking Technology Market Size Market Share by Application in 2029

Figure 34. Rest of World Large-Scale Industrial Ammonia Cracking Technology Consumption Market Share by Type in 2029

Figure 35. Rest of World Large-Scale Industrial Ammonia Cracking Technology Market Size Market Share by Application in 2029

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