

Global Hydrogen Resistant Steel Market Growth 2024-2030

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Abstracts

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Hydrogen-resistant steel refers to a type of steel suitable for use in high-temperature, high-pressure hydrogen environments and has a certain ability to resist hydrogen damage. Although commonly used carbon steel and chromium-nickel austenitic stainless steel can be used under certain high-temperature and high-pressure hydrogen conditions, they are not listed as hydrogen-resistant steels. Adding Cr, Mo, V and other elements to low carbon steel can significantly improve high temperature hydrogen corrosion resistance.

The global Hydrogen Resistant Steel market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of % from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Hydrogen Resistant Steel Industry Forecast" looks at past sales and reviews total world Hydrogen Resistant Steel sales in 2023, providing a comprehensive analysis by region and market sector of projected Hydrogen Resistant Steel sales for 2024 through 2030. With Hydrogen Resistant Steel sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Hydrogen Resistant Steel industry.

This Insight Report provides a comprehensive analysis of the global Hydrogen Resistant Steel landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on

Hydrogen Resistant Steel portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Hydrogen Resistant Steel market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Hydrogen Resistant Steel 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 Hydrogen Resistant Steel.

United States market for Hydrogen Resistant Steel is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Hydrogen Resistant Steel is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Hydrogen Resistant Steel is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Hydrogen Resistant Steel players cover Proterial, Nippon Steel, ArcelorMittal, POSCO, ThyssenKrupp, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Hydrogen Resistant Steel market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Chromium Molybdenum Steels

Austenitic Stainless Steels

Other

Segmentation by Application:

Petrochemical

Natural Gas

Nuclear Industry

Aerospace

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 analysing the company's coverage, product portfolio, its market penetration.

Proterial

Nippon Steel

ArcelorMittal

POSCO

ThyssenKrupp

Voestalpine

Baosteel Group

Masteel

Desktop Metal

U.S. Steel

Tata Steel

JFE Steel

Hebei Iron and Steel Group (HBIS)

Ansteel Group

Gerdau

Nucor

Key Questions Addressed in this Report

What is the 10-year outlook for the global Hydrogen Resistant Steel market?

What factors are driving Hydrogen Resistant Steel market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Hydrogen Resistant Steel market opportunities vary by end market size?

How does Hydrogen Resistant Steel break out by Type, by Application?

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
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Hydrogen Resistant Steel Annual Sales 2019-2030

- 2.1.2 World Current & Future Analysis for Hydrogen Resistant Steel by Geographic Region, 2019, 2023 & 2030

- 2.1.3 World Current & Future Analysis for Hydrogen Resistant Steel by Country/Region, 2019, 2023 & 2030

2.2 Hydrogen Resistant Steel Segment by Type

- 2.2.1 Chromium Molybdenum Steels

- 2.2.2 Austenitic Stainless Steels

- 2.2.3 Other

2.3 Hydrogen Resistant Steel Sales by Type

- 2.3.1 Global Hydrogen Resistant Steel Sales Market Share by Type (2019-2024)

- 2.3.2 Global Hydrogen Resistant Steel Revenue and Market Share by Type (2019-2024)

- 2.3.3 Global Hydrogen Resistant Steel Sale Price by Type (2019-2024)

2.4 Hydrogen Resistant Steel Segment by Application

- 2.4.1 Petrochemical

- 2.4.2 Natural Gas

- 2.4.3 Nuclear Industry

- 2.4.4 Aerospace

- 2.4.5 Others

2.5 Hydrogen Resistant Steel Sales by Application

- 2.5.1 Global Hydrogen Resistant Steel Sale Market Share by Application (2019-2024)

- 2.5.2 Global Hydrogen Resistant Steel Revenue and Market Share by Application

(2019-2024)

2.5.3 Global Hydrogen Resistant Steel Sale Price by Application (2019-2024)

3 GLOBAL BY COMPANY

3.1 Global Hydrogen Resistant Steel Breakdown Data by Company

3.1.1 Global Hydrogen Resistant Steel Annual Sales by Company (2019-2024)

3.1.2 Global Hydrogen Resistant Steel Sales Market Share by Company (2019-2024)

3.2 Global Hydrogen Resistant Steel Annual Revenue by Company (2019-2024)

3.2.1 Global Hydrogen Resistant Steel Revenue by Company (2019-2024)

3.2.2 Global Hydrogen Resistant Steel Revenue Market Share by Company
(2019-2024)

3.3 Global Hydrogen Resistant Steel Sale Price by Company

3.4 Key Manufacturers Hydrogen Resistant Steel Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Hydrogen Resistant Steel Product Location Distribution

3.4.2 Players Hydrogen Resistant Steel Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR HYDROGEN RESISTANT STEEL BY GEOGRAPHIC REGION

4.1 World Historic Hydrogen Resistant Steel Market Size by Geographic Region
(2019-2024)

4.1.1 Global Hydrogen Resistant Steel Annual Sales by Geographic Region
(2019-2024)

4.1.2 Global Hydrogen Resistant Steel Annual Revenue by Geographic Region
(2019-2024)

4.2 World Historic Hydrogen Resistant Steel Market Size by Country/Region
(2019-2024)

4.2.1 Global Hydrogen Resistant Steel Annual Sales by Country/Region (2019-2024)

4.2.2 Global Hydrogen Resistant Steel Annual Revenue by Country/Region
(2019-2024)

4.3 Americas Hydrogen Resistant Steel Sales Growth

4.4 APAC Hydrogen Resistant Steel Sales Growth

4.5 Europe Hydrogen Resistant Steel Sales Growth

4.6 Middle East & Africa Hydrogen Resistant Steel Sales Growth

5 AMERICAS

5.1 Americas Hydrogen Resistant Steel Sales by Country

5.1.1 Americas Hydrogen Resistant Steel Sales by Country (2019-2024)

5.1.2 Americas Hydrogen Resistant Steel Revenue by Country (2019-2024)

5.2 Americas Hydrogen Resistant Steel Sales by Type (2019-2024)

5.3 Americas Hydrogen Resistant Steel Sales by Application (2019-2024)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Hydrogen Resistant Steel Sales by Region

6.1.1 APAC Hydrogen Resistant Steel Sales by Region (2019-2024)

6.1.2 APAC Hydrogen Resistant Steel Revenue by Region (2019-2024)

6.2 APAC Hydrogen Resistant Steel Sales by Type (2019-2024)

6.3 APAC Hydrogen Resistant Steel Sales by Application (2019-2024)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Hydrogen Resistant Steel by Country

7.1.1 Europe Hydrogen Resistant Steel Sales by Country (2019-2024)

7.1.2 Europe Hydrogen Resistant Steel Revenue by Country (2019-2024)

7.2 Europe Hydrogen Resistant Steel Sales by Type (2019-2024)

7.3 Europe Hydrogen Resistant Steel Sales by Application (2019-2024)

7.4 Germany

7.5 France

- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Hydrogen Resistant Steel by Country
 - 8.1.1 Middle East & Africa Hydrogen Resistant Steel Sales by Country (2019-2024)
 - 8.1.2 Middle East & Africa Hydrogen Resistant Steel Revenue by Country (2019-2024)
- 8.2 Middle East & Africa Hydrogen Resistant Steel Sales by Type (2019-2024)
- 8.3 Middle East & Africa Hydrogen Resistant Steel Sales by Application (2019-2024)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Hydrogen Resistant Steel
- 10.3 Manufacturing Process Analysis of Hydrogen Resistant Steel
- 10.4 Industry Chain Structure of Hydrogen Resistant Steel

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Hydrogen Resistant Steel Distributors
- 11.3 Hydrogen Resistant Steel Customer

12 WORLD FORECAST REVIEW FOR HYDROGEN RESISTANT STEEL BY

GEOGRAPHIC REGION

- 12.1 Global Hydrogen Resistant Steel Market Size Forecast by Region
 - 12.1.1 Global Hydrogen Resistant Steel Forecast by Region (2025-2030)
 - 12.1.2 Global Hydrogen Resistant Steel Annual Revenue Forecast by Region (2025-2030)
- 12.2 Americas Forecast by Country (2025-2030)
- 12.3 APAC Forecast by Region (2025-2030)
- 12.4 Europe Forecast by Country (2025-2030)
- 12.5 Middle East & Africa Forecast by Country (2025-2030)
- 12.6 Global Hydrogen Resistant Steel Forecast by Type (2025-2030)
- 12.7 Global Hydrogen Resistant Steel Forecast by Application (2025-2030)

13 KEY PLAYERS ANALYSIS

- 13.1 Proterial
 - 13.1.1 Proterial Company Information
 - 13.1.2 Proterial Hydrogen Resistant Steel Product Portfolios and Specifications
 - 13.1.3 Proterial Hydrogen Resistant Steel Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.1.4 Proterial Main Business Overview
 - 13.1.5 Proterial Latest Developments
- 13.2 Nippon Steel
 - 13.2.1 Nippon Steel Company Information
 - 13.2.2 Nippon Steel Hydrogen Resistant Steel Product Portfolios and Specifications
 - 13.2.3 Nippon Steel Hydrogen Resistant Steel Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.2.4 Nippon Steel Main Business Overview
 - 13.2.5 Nippon Steel Latest Developments
- 13.3 ArcelorMittal
 - 13.3.1 ArcelorMittal Company Information
 - 13.3.2 ArcelorMittal Hydrogen Resistant Steel Product Portfolios and Specifications
 - 13.3.3 ArcelorMittal Hydrogen Resistant Steel Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.3.4 ArcelorMittal Main Business Overview
 - 13.3.5 ArcelorMittal Latest Developments
- 13.4 POSCO
 - 13.4.1 POSCO Company Information
 - 13.4.2 POSCO Hydrogen Resistant Steel Product Portfolios and Specifications

13.4.3 POSCO Hydrogen Resistant Steel Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 POSCO Main Business Overview

13.4.5 POSCO Latest Developments

13.5 ThyssenKrupp

13.5.1 ThyssenKrupp Company Information

13.5.2 ThyssenKrupp Hydrogen Resistant Steel Product Portfolios and Specifications

13.5.3 ThyssenKrupp Hydrogen Resistant Steel Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 ThyssenKrupp Main Business Overview

13.5.5 ThyssenKrupp Latest Developments

13.6 Voestalpine

13.6.1 Voestalpine Company Information

13.6.2 Voestalpine Hydrogen Resistant Steel Product Portfolios and Specifications

13.6.3 Voestalpine Hydrogen Resistant Steel Sales, Revenue, Price and Gross Margin (2019-2024)

13.6.4 Voestalpine Main Business Overview

13.6.5 Voestalpine Latest Developments

13.7 Baosteel Group

13.7.1 Baosteel Group Company Information

13.7.2 Baosteel Group Hydrogen Resistant Steel Product Portfolios and Specifications

13.7.3 Baosteel Group Hydrogen Resistant Steel Sales, Revenue, Price and Gross Margin (2019-2024)

13.7.4 Baosteel Group Main Business Overview

13.7.5 Baosteel Group Latest Developments

13.8 Masteel

13.8.1 Masteel Company Information

13.8.2 Masteel Hydrogen Resistant Steel Product Portfolios and Specifications

13.8.3 Masteel Hydrogen Resistant Steel Sales, Revenue, Price and Gross Margin (2019-2024)

13.8.4 Masteel Main Business Overview

13.8.5 Masteel Latest Developments

13.9 Desktop Metal

13.9.1 Desktop Metal Company Information

13.9.2 Desktop Metal Hydrogen Resistant Steel Product Portfolios and Specifications

13.9.3 Desktop Metal Hydrogen Resistant Steel Sales, Revenue, Price and Gross Margin (2019-2024)

13.9.4 Desktop Metal Main Business Overview

13.9.5 Desktop Metal Latest Developments

13.10 U.S. Steel

13.10.1 U.S. Steel Company Information

13.10.2 U.S. Steel Hydrogen Resistant Steel Product Portfolios and Specifications

13.10.3 U.S. Steel Hydrogen Resistant Steel Sales, Revenue, Price and Gross Margin (2019-2024)

13.10.4 U.S. Steel Main Business Overview

13.10.5 U.S. Steel Latest Developments

13.11 Tata Steel

13.11.1 Tata Steel Company Information

13.11.2 Tata Steel Hydrogen Resistant Steel Product Portfolios and Specifications

13.11.3 Tata Steel Hydrogen Resistant Steel Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 Tata Steel Main Business Overview

13.11.5 Tata Steel Latest Developments

13.12 JFE Steel

13.12.1 JFE Steel Company Information

13.12.2 JFE Steel Hydrogen Resistant Steel Product Portfolios and Specifications

13.12.3 JFE Steel Hydrogen Resistant Steel Sales, Revenue, Price and Gross Margin (2019-2024)

13.12.4 JFE Steel Main Business Overview

13.12.5 JFE Steel Latest Developments

13.13 Hebei Iron and Steel Group (HBIS)

13.13.1 Hebei Iron and Steel Group (HBIS) Company Information

13.13.2 Hebei Iron and Steel Group (HBIS) Hydrogen Resistant Steel Product Portfolios and Specifications

13.13.3 Hebei Iron and Steel Group (HBIS) Hydrogen Resistant Steel Sales, Revenue, Price and Gross Margin (2019-2024)

13.13.4 Hebei Iron and Steel Group (HBIS) Main Business Overview

13.13.5 Hebei Iron and Steel Group (HBIS) Latest Developments

13.14 Ansteel Group

13.14.1 Ansteel Group Company Information

13.14.2 Ansteel Group Hydrogen Resistant Steel Product Portfolios and Specifications

13.14.3 Ansteel Group Hydrogen Resistant Steel Sales, Revenue, Price and Gross Margin (2019-2024)

13.14.4 Ansteel Group Main Business Overview

13.14.5 Ansteel Group Latest Developments

13.15 Gerdau

13.15.1 Gerdau Company Information

13.15.2 Gerdau Hydrogen Resistant Steel Product Portfolios and Specifications

13.15.3 Gerdau Hydrogen Resistant Steel Sales, Revenue, Price and Gross Margin
(2019-2024)

13.15.4 Gerdau Main Business Overview

13.15.5 Gerdau Latest Developments

13.16 Nucor

13.16.1 Nucor Company Information

13.16.2 Nucor Hydrogen Resistant Steel Product Portfolios and Specifications

13.16.3 Nucor Hydrogen Resistant Steel Sales, Revenue, Price and Gross Margin
(2019-2024)

13.16.4 Nucor Main Business Overview

13.16.5 Nucor Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Hydrogen Resistant Steel Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Hydrogen Resistant Steel Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Chromium Molybdenum Steels

Table 4. Major Players of Austenitic Stainless Steels

Table 5. Major Players of Other

Table 6. Global Hydrogen Resistant Steel Sales by Type (2019-2024) & (Tons)

Table 7. Global Hydrogen Resistant Steel Sales Market Share by Type (2019-2024)

Table 8. Global Hydrogen Resistant Steel Revenue by Type (2019-2024) & (\$ million)

Table 9. Global Hydrogen Resistant Steel Revenue Market Share by Type (2019-2024)

Table 10. Global Hydrogen Resistant Steel Sale Price by Type (2019-2024) & (US\$/Ton)

Table 11. Global Hydrogen Resistant Steel Sale by Application (2019-2024) & (Tons)

Table 12. Global Hydrogen Resistant Steel Sale Market Share by Application (2019-2024)

Table 13. Global Hydrogen Resistant Steel Revenue by Application (2019-2024) & (\$ million)

Table 14. Global Hydrogen Resistant Steel Revenue Market Share by Application (2019-2024)

Table 15. Global Hydrogen Resistant Steel Sale Price by Application (2019-2024) & (US\$/Ton)

Table 16. Global Hydrogen Resistant Steel Sales by Company (2019-2024) & (Tons)

Table 17. Global Hydrogen Resistant Steel Sales Market Share by Company (2019-2024)

Table 18. Global Hydrogen Resistant Steel Revenue by Company (2019-2024) & (\$ millions)

Table 19. Global Hydrogen Resistant Steel Revenue Market Share by Company (2019-2024)

Table 20. Global Hydrogen Resistant Steel Sale Price by Company (2019-2024) & (US\$/Ton)

Table 21. Key Manufacturers Hydrogen Resistant Steel Producing Area Distribution and Sales Area

Table 22. Players Hydrogen Resistant Steel Products Offered

Table 23. Hydrogen Resistant Steel Concentration Ratio (CR3, CR5 and CR10) &

(2019-2024)

Table 24. New Products and Potential Entrants

Table 25. Market M&A Activity & Strategy

Table 26. Global Hydrogen Resistant Steel Sales by Geographic Region (2019-2024) & (Tons)

Table 27. Global Hydrogen Resistant Steel Sales Market Share Geographic Region (2019-2024)

Table 28. Global Hydrogen Resistant Steel Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 29. Global Hydrogen Resistant Steel Revenue Market Share by Geographic Region (2019-2024)

Table 30. Global Hydrogen Resistant Steel Sales by Country/Region (2019-2024) & (Tons)

Table 31. Global Hydrogen Resistant Steel Sales Market Share by Country/Region (2019-2024)

Table 32. Global Hydrogen Resistant Steel Revenue by Country/Region (2019-2024) & (\$ millions)

Table 33. Global Hydrogen Resistant Steel Revenue Market Share by Country/Region (2019-2024)

Table 34. Americas Hydrogen Resistant Steel Sales by Country (2019-2024) & (Tons)

Table 35. Americas Hydrogen Resistant Steel Sales Market Share by Country (2019-2024)

Table 36. Americas Hydrogen Resistant Steel Revenue by Country (2019-2024) & (\$ millions)

Table 37. Americas Hydrogen Resistant Steel Sales by Type (2019-2024) & (Tons)

Table 38. Americas Hydrogen Resistant Steel Sales by Application (2019-2024) & (Tons)

Table 39. APAC Hydrogen Resistant Steel Sales by Region (2019-2024) & (Tons)

Table 40. APAC Hydrogen Resistant Steel Sales Market Share by Region (2019-2024)

Table 41. APAC Hydrogen Resistant Steel Revenue by Region (2019-2024) & (\$ millions)

Table 42. APAC Hydrogen Resistant Steel Sales by Type (2019-2024) & (Tons)

Table 43. APAC Hydrogen Resistant Steel Sales by Application (2019-2024) & (Tons)

Table 44. Europe Hydrogen Resistant Steel Sales by Country (2019-2024) & (Tons)

Table 45. Europe Hydrogen Resistant Steel Revenue by Country (2019-2024) & (\$ millions)

Table 46. Europe Hydrogen Resistant Steel Sales by Type (2019-2024) & (Tons)

Table 47. Europe Hydrogen Resistant Steel Sales by Application (2019-2024) & (Tons)

Table 48. Middle East & Africa Hydrogen Resistant Steel Sales by Country (2019-2024)

& (Tons)

Table 49. Middle East & Africa Hydrogen Resistant Steel Revenue Market Share by Country (2019-2024)

Table 50. Middle East & Africa Hydrogen Resistant Steel Sales by Type (2019-2024) & (Tons)

Table 51. Middle East & Africa Hydrogen Resistant Steel Sales by Application (2019-2024) & (Tons)

Table 52. Key Market Drivers & Growth Opportunities of Hydrogen Resistant Steel

Table 53. Key Market Challenges & Risks of Hydrogen Resistant Steel

Table 54. Key Industry Trends of Hydrogen Resistant Steel

Table 55. Hydrogen Resistant Steel Raw Material

Table 56. Key Suppliers of Raw Materials

Table 57. Hydrogen Resistant Steel Distributors List

Table 58. Hydrogen Resistant Steel Customer List

Table 59. Global Hydrogen Resistant Steel Sales Forecast by Region (2025-2030) & (Tons)

Table 60. Global Hydrogen Resistant Steel Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 61. Americas Hydrogen Resistant Steel Sales Forecast by Country (2025-2030) & (Tons)

Table 62. Americas Hydrogen Resistant Steel Annual Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 63. APAC Hydrogen Resistant Steel Sales Forecast by Region (2025-2030) & (Tons)

Table 64. APAC Hydrogen Resistant Steel Annual Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 65. Europe Hydrogen Resistant Steel Sales Forecast by Country (2025-2030) & (Tons)

Table 66. Europe Hydrogen Resistant Steel Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 67. Middle East & Africa Hydrogen Resistant Steel Sales Forecast by Country (2025-2030) & (Tons)

Table 68. Middle East & Africa Hydrogen Resistant Steel Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 69. Global Hydrogen Resistant Steel Sales Forecast by Type (2025-2030) & (Tons)

Table 70. Global Hydrogen Resistant Steel Revenue Forecast by Type (2025-2030) & (\$ millions)

Table 71. Global Hydrogen Resistant Steel Sales Forecast by Application (2025-2030)

& (Tons)

Table 72. Global Hydrogen Resistant Steel Revenue Forecast by Application (2025-2030) & (\$ millions)

Table 73. Proterial Basic Information, Hydrogen Resistant Steel Manufacturing Base, Sales Area and Its Competitors

Table 74. Proterial Hydrogen Resistant Steel Product Portfolios and Specifications

Table 75. Proterial Hydrogen Resistant Steel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 76. Proterial Main Business

Table 77. Proterial Latest Developments

Table 78. Nippon Steel Basic Information, Hydrogen Resistant Steel Manufacturing Base, Sales Area and Its Competitors

Table 79. Nippon Steel Hydrogen Resistant Steel Product Portfolios and Specifications

Table 80. Nippon Steel Hydrogen Resistant Steel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 81. Nippon Steel Main Business

Table 82. Nippon Steel Latest Developments

Table 83. ArcelorMittal Basic Information, Hydrogen Resistant Steel Manufacturing Base, Sales Area and Its Competitors

Table 84. ArcelorMittal Hydrogen Resistant Steel Product Portfolios and Specifications

Table 85. ArcelorMittal Hydrogen Resistant Steel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 86. ArcelorMittal Main Business

Table 87. ArcelorMittal Latest Developments

Table 88. POSCO Basic Information, Hydrogen Resistant Steel Manufacturing Base, Sales Area and Its Competitors

Table 89. POSCO Hydrogen Resistant Steel Product Portfolios and Specifications

Table 90. POSCO Hydrogen Resistant Steel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 91. POSCO Main Business

Table 92. POSCO Latest Developments

Table 93. ThyssenKrupp Basic Information, Hydrogen Resistant Steel Manufacturing Base, Sales Area and Its Competitors

Table 94. ThyssenKrupp Hydrogen Resistant Steel Product Portfolios and Specifications

Table 95. ThyssenKrupp Hydrogen Resistant Steel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 96. ThyssenKrupp Main Business

Table 97. ThyssenKrupp Latest Developments

Table 98. Voestalpine Basic Information, Hydrogen Resistant Steel Manufacturing Base, Sales Area and Its Competitors

Table 99. Voestalpine Hydrogen Resistant Steel Product Portfolios and Specifications

Table 100. Voestalpine Hydrogen Resistant Steel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 101. Voestalpine Main Business

Table 102. Voestalpine Latest Developments

Table 103. Baosteel Group Basic Information, Hydrogen Resistant Steel Manufacturing Base, Sales Area and Its Competitors

Table 104. Baosteel Group Hydrogen Resistant Steel Product Portfolios and Specifications

Table 105. Baosteel Group Hydrogen Resistant Steel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 106. Baosteel Group Main Business

Table 107. Baosteel Group Latest Developments

Table 108. Masteel Basic Information, Hydrogen Resistant Steel Manufacturing Base, Sales Area and Its Competitors

Table 109. Masteel Hydrogen Resistant Steel Product Portfolios and Specifications

Table 110. Masteel Hydrogen Resistant Steel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 111. Masteel Main Business

Table 112. Masteel Latest Developments

Table 113. Desktop Metal Basic Information, Hydrogen Resistant Steel Manufacturing Base, Sales Area and Its Competitors

Table 114. Desktop Metal Hydrogen Resistant Steel Product Portfolios and Specifications

Table 115. Desktop Metal Hydrogen Resistant Steel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 116. Desktop Metal Main Business

Table 117. Desktop Metal Latest Developments

Table 118. U.S. Steel Basic Information, Hydrogen Resistant Steel Manufacturing Base, Sales Area and Its Competitors

Table 119. U.S. Steel Hydrogen Resistant Steel Product Portfolios and Specifications

Table 120. U.S. Steel Hydrogen Resistant Steel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 121. U.S. Steel Main Business

Table 122. U.S. Steel Latest Developments

Table 123. Tata Steel Basic Information, Hydrogen Resistant Steel Manufacturing Base, Sales Area and Its Competitors

- Table 124. Tata Steel Hydrogen Resistant Steel Product Portfolios and Specifications
- Table 125. Tata Steel Hydrogen Resistant Steel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)
- Table 126. Tata Steel Main Business
- Table 127. Tata Steel Latest Developments
- Table 128. JFE Steel Basic Information, Hydrogen Resistant Steel Manufacturing Base, Sales Area and Its Competitors
- Table 129. JFE Steel Hydrogen Resistant Steel Product Portfolios and Specifications
- Table 130. JFE Steel Hydrogen Resistant Steel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)
- Table 131. JFE Steel Main Business
- Table 132. JFE Steel Latest Developments
- Table 133. Hebei Iron and Steel Group (HBIS) Basic Information, Hydrogen Resistant Steel Manufacturing Base, Sales Area and Its Competitors
- Table 134. Hebei Iron and Steel Group (HBIS) Hydrogen Resistant Steel Product Portfolios and Specifications
- Table 135. Hebei Iron and Steel Group (HBIS) Hydrogen Resistant Steel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)
- Table 136. Hebei Iron and Steel Group (HBIS) Main Business
- Table 137. Hebei Iron and Steel Group (HBIS) Latest Developments
- Table 138. Ansteel Group Basic Information, Hydrogen Resistant Steel Manufacturing Base, Sales Area and Its Competitors
- Table 139. Ansteel Group Hydrogen Resistant Steel Product Portfolios and Specifications
- Table 140. Ansteel Group Hydrogen Resistant Steel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)
- Table 141. Ansteel Group Main Business
- Table 142. Ansteel Group Latest Developments
- Table 143. Gerdau Basic Information, Hydrogen Resistant Steel Manufacturing Base, Sales Area and Its Competitors
- Table 144. Gerdau Hydrogen Resistant Steel Product Portfolios and Specifications
- Table 145. Gerdau Hydrogen Resistant Steel Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)
- Table 146. Gerdau Main Business
- Table 147. Gerdau Latest Developments
- Table 148. Nucor Basic Information, Hydrogen Resistant Steel Manufacturing Base, Sales Area and Its Competitors
- Table 149. Nucor Hydrogen Resistant Steel Product Portfolios and Specifications
- Table 150. Nucor Hydrogen Resistant Steel Sales (Tons), Revenue (\$ Million), Price

(US\$/Ton) and Gross Margin (2019-2024)

Table 151. Nucor Main Business

Table 152. Nucor Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Hydrogen Resistant Steel
- Figure 2. Hydrogen Resistant Steel Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Hydrogen Resistant Steel Sales Growth Rate 2019-2030 (Tons)
- Figure 7. Global Hydrogen Resistant Steel Revenue Growth Rate 2019-2030 (\$ millions)
- Figure 8. Hydrogen Resistant Steel Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Figure 9. Hydrogen Resistant Steel Sales Market Share by Country/Region (2023)
- Figure 10. Hydrogen Resistant Steel Sales Market Share by Country/Region (2019, 2023 & 2030)
- Figure 11. Product Picture of Chromium Molybdenum Steels
- Figure 12. Product Picture of Austenitic Stainless Steels
- Figure 13. Product Picture of Other
- Figure 14. Global Hydrogen Resistant Steel Sales Market Share by Type in 2023
- Figure 15. Global Hydrogen Resistant Steel Revenue Market Share by Type (2019-2024)
- Figure 16. Hydrogen Resistant Steel Consumed in Petrochemical
- Figure 17. Global Hydrogen Resistant Steel Market: Petrochemical (2019-2024) & (Tons)
- Figure 18. Hydrogen Resistant Steel Consumed in Natural Gas
- Figure 19. Global Hydrogen Resistant Steel Market: Natural Gas (2019-2024) & (Tons)
- Figure 20. Hydrogen Resistant Steel Consumed in Nuclear Industry
- Figure 21. Global Hydrogen Resistant Steel Market: Nuclear Industry (2019-2024) & (Tons)
- Figure 22. Hydrogen Resistant Steel Consumed in Aerospace
- Figure 23. Global Hydrogen Resistant Steel Market: Aerospace (2019-2024) & (Tons)
- Figure 24. Hydrogen Resistant Steel Consumed in Others
- Figure 25. Global Hydrogen Resistant Steel Market: Others (2019-2024) & (Tons)
- Figure 26. Global Hydrogen Resistant Steel Sale Market Share by Application (2023)
- Figure 27. Global Hydrogen Resistant Steel Revenue Market Share by Application in 2023
- Figure 28. Hydrogen Resistant Steel Sales by Company in 2023 (Tons)

Figure 29. Global Hydrogen Resistant Steel Sales Market Share by Company in 2023

Figure 30. Hydrogen Resistant Steel Revenue by Company in 2023 (\$ millions)

Figure 31. Global Hydrogen Resistant Steel Revenue Market Share by Company in 2023

Figure 32. Global Hydrogen Resistant Steel Sales Market Share by Geographic Region (2019-2024)

Figure 33. Global Hydrogen Resistant Steel Revenue Market Share by Geographic Region in 2023

Figure 34. Americas Hydrogen Resistant Steel Sales 2019-2024 (Tons)

Figure 35. Americas Hydrogen Resistant Steel Revenue 2019-2024 (\$ millions)

Figure 36. APAC Hydrogen Resistant Steel Sales 2019-2024 (Tons)

Figure 37. APAC Hydrogen Resistant Steel Revenue 2019-2024 (\$ millions)

Figure 38. Europe Hydrogen Resistant Steel Sales 2019-2024 (Tons)

Figure 39. Europe Hydrogen Resistant Steel Revenue 2019-2024 (\$ millions)

Figure 40. Middle East & Africa Hydrogen Resistant Steel Sales 2019-2024 (Tons)

Figure 41. Middle East & Africa Hydrogen Resistant Steel Revenue 2019-2024 (\$ millions)

Figure 42. Americas Hydrogen Resistant Steel Sales Market Share by Country in 2023

Figure 43. Americas Hydrogen Resistant Steel Revenue Market Share by Country (2019-2024)

Figure 44. Americas Hydrogen Resistant Steel Sales Market Share by Type (2019-2024)

Figure 45. Americas Hydrogen Resistant Steel Sales Market Share by Application (2019-2024)

Figure 46. United States Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 47. Canada Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 48. Mexico Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 49. Brazil Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 50. APAC Hydrogen Resistant Steel Sales Market Share by Region in 2023

Figure 51. APAC Hydrogen Resistant Steel Revenue Market Share by Region (2019-2024)

Figure 52. APAC Hydrogen Resistant Steel Sales Market Share by Type (2019-2024)

Figure 53. APAC Hydrogen Resistant Steel Sales Market Share by Application (2019-2024)

Figure 54. China Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 55. Japan Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 56. South Korea Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 57. Southeast Asia Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 58. India Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 59. Australia Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 60. China Taiwan Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 61. Europe Hydrogen Resistant Steel Sales Market Share by Country in 2023

Figure 62. Europe Hydrogen Resistant Steel Revenue Market Share by Country (2019-2024)

Figure 63. Europe Hydrogen Resistant Steel Sales Market Share by Type (2019-2024)

Figure 64. Europe Hydrogen Resistant Steel Sales Market Share by Application (2019-2024)

Figure 65. Germany Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 66. France Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 67. UK Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 68. Italy Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 69. Russia Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 70. Middle East & Africa Hydrogen Resistant Steel Sales Market Share by Country (2019-2024)

Figure 71. Middle East & Africa Hydrogen Resistant Steel Sales Market Share by Type (2019-2024)

Figure 72. Middle East & Africa Hydrogen Resistant Steel Sales Market Share by Application (2019-2024)

Figure 73. Egypt Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 74. South Africa Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 75. Israel Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 76. Turkey Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 77. GCC Countries Hydrogen Resistant Steel Revenue Growth 2019-2024 (\$ millions)

Figure 78. Manufacturing Cost Structure Analysis of Hydrogen Resistant Steel in 2023

Figure 79. Manufacturing Process Analysis of Hydrogen Resistant Steel

Figure 80. Industry Chain Structure of Hydrogen Resistant Steel

Figure 81. Channels of Distribution

Figure 82. Global Hydrogen Resistant Steel Sales Market Forecast by Region (2025-2030)

Figure 83. Global Hydrogen Resistant Steel Revenue Market Share Forecast by Region (2025-2030)

Figure 84. Global Hydrogen Resistant Steel Sales Market Share Forecast by Type

(2025-2030)

Figure 85. Global Hydrogen Resistant Steel Revenue Market Share Forecast by Type (2025-2030)

Figure 86. Global Hydrogen Resistant Steel Sales Market Share Forecast by Application (2025-2030)

Figure 87. Global Hydrogen Resistant Steel Revenue Market Share Forecast by Application (2025-2030)

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