

# High Strength Steel Industry Research Report 2024

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## Abstracts

High Strength Steel is a type of alloy steel that provides better mechanical properties or greater resistance to corrosion than carbon steel. High Strength Steel includes conventional High-Strength Steels and advanced High-Strength Steels (AHSS). The conventional high-strength steels include High Strength Low Alloy Steels, Bake Hardenable Steels, Carbon Manganese Steels, and others. Advanced High-Strength Steels (AHSS) are complex, sophisticated materials, with carefully selected chemical compositions and multiphase microstructures resulting from precisely controlled heating and cooling processes.

According to APO Research, The global High Strength Steel market was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

Global High Strength Steel key players include Arcelor Mittal, Baowu, POSCO, Nippon Steel, SSAB, etc. Global top five manufacturers hold a share about 58%. Asia-Pacific is the largest market, with a share about 45%, followed by America and Japan, both have a share about 30% percent. In terms of product, AHSS is the largest segment, with a share over 60%. And in terms of Application, the largest level is Automotive, followed by Hoisting and mining equipment, etc.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for High Strength Steel, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding High Strength Steel.

The report will help the High Strength Steel manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, sales volume, and average price for the overall market and the sub-segments across the different segments, by company, by Type, by Application, and by regions.

The High Strength Steel market size, estimations, and forecasts are provided in terms of sales volume (K Ton) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global High Strength Steel market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

### Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Arcelor Mittal

Baowu

POSCO

Nippon Steel

SSAB

Ansteel

United States Steel

Voestalpine

ThyssenKrupp

JFE

### High Strength Steel segment by Type

Conventional HSS

AHSS

### High Strength Steel segment by Application

Automotive

Hoisting and mining equipment

Aviation and Marine

Others

### High Strength Steel Segment by Region

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Colombia

Middle East & Africa

Turkey

Saudi Arabia

UAE

## Key Drivers & Barriers

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

## Reasons to Buy This Report

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

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of High Strength Steel.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

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

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

Chapter 3: Detailed analysis of High Strength Steel manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of High Strength Steel by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of High Strength Steel in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by location, covering the

market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Chapter 11: The main points and conclusions of the report.

## Contents

### 1 PREFACE

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

### 2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 High Strength Steel by Type
  - 2.2.1 Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.2.2 Conventional HSS
  - 2.2.3 AHSS
- 2.3 High Strength Steel Application
  - 2.3.1 Market Value Comparison Application (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.3.2 Automotive
  - 2.3.3 Hoisting and mining equipment
  - 2.3.4 Aviation and Marine
  - 2.3.5 Others
- 2.4 Global Market Growth Prospects
  - 2.4.1 Global High Strength Steel Production Value Estimates and Forecasts (2019-2030)
  - 2.4.2 Global High Strength Steel Production Capacity Estimates and Forecasts (2019-2030)
  - 2.4.3 Global High Strength Steel Production Estimates and Forecasts (2019-2030)
  - 2.4.4 Global High Strength Steel Market Average Price (2019-2030)

### 3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global High Strength Steel Production by Manufacturers (2019-2024)
- 3.2 Global High Strength Steel Production Value by Manufacturers (2019-2024)
- 3.3 Global High Strength Steel Average Price by Manufacturers (2019-2024)
- 3.4 Global High Strength Steel Industry Manufacturers Ranking, 2022 VS 2023 VS 2024



- 3.5 Global High Strength Steel Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global High Strength Steel Manufacturers, Product Type & Application
- 3.7 Global High Strength Steel Manufacturers, Date of Enter into This Industry
- 3.8 Global High Strength Steel Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

## **4 MANUFACTURERS PROFILED**

### **4.1 Arcelor Mittal**

- 4.1.1 Arcelor Mittal High Strength Steel Company Information
- 4.1.2 Arcelor Mittal High Strength Steel Business Overview
- 4.1.3 Arcelor Mittal High Strength Steel Production Capacity, Value and Gross Margin (2019-2024)
- 4.1.4 Arcelor Mittal Product Portfolio
- 4.1.5 Arcelor Mittal Recent Developments

### **4.2 Baowu**

- 4.2.1 Baowu High Strength Steel Company Information
- 4.2.2 Baowu High Strength Steel Business Overview
- 4.2.3 Baowu High Strength Steel Production Capacity, Value and Gross Margin (2019-2024)
- 4.2.4 Baowu Product Portfolio
- 4.2.5 Baowu Recent Developments

### **4.3 POSCO**

- 4.3.1 POSCO High Strength Steel Company Information
- 4.3.2 POSCO High Strength Steel Business Overview
- 4.3.3 POSCO High Strength Steel Production Capacity, Value and Gross Margin (2019-2024)
- 4.3.4 POSCO Product Portfolio
- 4.3.5 POSCO Recent Developments

### **4.4 Nippon Steel**

- 4.4.1 Nippon Steel High Strength Steel Company Information
- 4.4.2 Nippon Steel High Strength Steel Business Overview
- 4.4.3 Nippon Steel High Strength Steel Production Capacity, Value and Gross Margin (2019-2024)
- 4.4.4 Nippon Steel Product Portfolio
- 4.4.5 Nippon Steel Recent Developments

### **4.5 SSAB**

- 4.5.1 SSAB High Strength Steel Company Information
- 4.5.2 SSAB High Strength Steel Business Overview

4.5.3 SSAB High Strength Steel Production Capacity, Value and Gross Margin  
(2019-2024)

4.5.4 SSAB Product Portfolio

4.5.5 SSAB Recent Developments

4.6 Ansteel

4.6.1 Ansteel High Strength Steel Company Information

4.6.2 Ansteel High Strength Steel Business Overview

4.6.3 Ansteel High Strength Steel Production Capacity, Value and Gross Margin  
(2019-2024)

4.6.4 Ansteel Product Portfolio

4.6.5 Ansteel Recent Developments

4.7 United States Steel

4.7.1 United States Steel High Strength Steel Company Information

4.7.2 United States Steel High Strength Steel Business Overview

4.7.3 United States Steel High Strength Steel Production Capacity, Value and Gross  
Margin (2019-2024)

4.7.4 United States Steel Product Portfolio

4.7.5 United States Steel Recent Developments

4.8 Voestalpine

4.8.1 Voestalpine High Strength Steel Company Information

4.8.2 Voestalpine High Strength Steel Business Overview

4.8.3 Voestalpine High Strength Steel Production Capacity, Value and Gross Margin  
(2019-2024)

4.8.4 Voestalpine Product Portfolio

4.8.5 Voestalpine Recent Developments

4.9 ThyssenKrupp

4.9.1 ThyssenKrupp High Strength Steel Company Information

4.9.2 ThyssenKrupp High Strength Steel Business Overview

4.9.3 ThyssenKrupp High Strength Steel Production Capacity, Value and Gross  
Margin (2019-2024)

4.9.4 ThyssenKrupp Product Portfolio

4.9.5 ThyssenKrupp Recent Developments

4.10 JFE

4.10.1 JFE High Strength Steel Company Information

4.10.2 JFE High Strength Steel Business Overview

4.10.3 JFE High Strength Steel Production Capacity, Value and Gross Margin  
(2019-2024)

4.10.4 JFE Product Portfolio

4.10.5 JFE Recent Developments

## **5 GLOBAL HIGH STRENGTH STEEL PRODUCTION BY REGION**

- 5.1 Global High Strength Steel Production Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 5.2 Global High Strength Steel Production by Region: 2019-2030
  - 5.2.1 Global High Strength Steel Production by Region: 2019-2024
  - 5.2.2 Global High Strength Steel Production Forecast by Region (2025-2030)
- 5.3 Global High Strength Steel Production Value Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 5.4 Global High Strength Steel Production Value by Region: 2019-2030
  - 5.4.1 Global High Strength Steel Production Value by Region: 2019-2024
  - 5.4.2 Global High Strength Steel Production Value Forecast by Region (2025-2030)
- 5.5 Global High Strength Steel Market Price Analysis by Region (2019-2024)
- 5.6 Global High Strength Steel Production and Value, YOY Growth
  - 5.6.1 North America High Strength Steel Production Value Estimates and Forecasts (2019-2030)
  - 5.6.2 Europe High Strength Steel Production Value Estimates and Forecasts (2019-2030)
  - 5.6.3 China High Strength Steel Production Value Estimates and Forecasts (2019-2030)
  - 5.6.4 Japan High Strength Steel Production Value Estimates and Forecasts (2019-2030)
  - 5.6.5 South Korea High Strength Steel Production Value Estimates and Forecasts (2019-2030)

## **6 GLOBAL HIGH STRENGTH STEEL CONSUMPTION BY REGION**

- 6.1 Global High Strength Steel Consumption Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 6.2 Global High Strength Steel Consumption by Region (2019-2030)
  - 6.2.1 Global High Strength Steel Consumption by Region: 2019-2030
  - 6.2.2 Global High Strength Steel Forecasted Consumption by Region (2025-2030)
- 6.3 North America
  - 6.3.1 North America High Strength Steel Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
  - 6.3.2 North America High Strength Steel Consumption by Country (2019-2030)
  - 6.3.3 United States
  - 6.3.4 Canada

## 6.4 Europe

6.4.1 Europe High Strength Steel Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.4.2 Europe High Strength Steel Consumption by Country (2019-2030)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

## 6.5 Asia Pacific

6.5.1 Asia Pacific High Strength Steel Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.5.2 Asia Pacific High Strength Steel Consumption by Country (2019-2030)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

## 6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa High Strength Steel Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.6.2 Latin America, Middle East & Africa High Strength Steel Consumption by Country (2019-2030)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

## 7 SEGMENT BY TYPE

7.1 Global High Strength Steel Production by Type (2019-2030)

7.1.1 Global High Strength Steel Production by Type (2019-2030) & (K Ton)

7.1.2 Global High Strength Steel Production Market Share by Type (2019-2030)

7.2 Global High Strength Steel Production Value by Type (2019-2030)

7.2.1 Global High Strength Steel Production Value by Type (2019-2030) & (US\$ Million)

7.2.2 Global High Strength Steel Production Value Market Share by Type (2019-2030)

### 7.3 Global High Strength Steel Price by Type (2019-2030)

## **8 SEGMENT APPLICATION**

### 8.1 Global High Strength Steel Production Application (2019-2030)

8.1.1 Global High Strength Steel Production Application (2019-2030) & (K Ton)

8.1.2 Global High Strength Steel Production Application (2019-2030) & (K Ton)

### 8.2 Global High Strength Steel Production Value Application (2019-2030)

8.2.1 Global High Strength Steel Production Value Application (2019-2030) & (US\$ Million)

8.2.2 Global High Strength Steel Production Value Market Share Application (2019-2030)

### 8.3 Global High Strength Steel Price Application (2019-2030)

## **9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET**

### 9.1 High Strength Steel Value Chain Analysis

9.1.1 High Strength Steel Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 High Strength Steel Production Mode & Process

### 9.2 High Strength Steel Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 High Strength Steel Distributors

9.2.3 High Strength Steel Customers

## **10 GLOBAL HIGH STRENGTH STEEL ANALYZING MARKET DYNAMICS**

### 10.1 High Strength Steel Industry Trends

### 10.2 High Strength Steel Industry Drivers

### 10.3 High Strength Steel Industry Opportunities and Challenges

### 10.4 High Strength Steel Industry Restraints

## **11 REPORT CONCLUSION**

## **12 DISCLAIMER**

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