

# **Steel Ingots Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Product (Billets, Bloom, Slabs, Others), By Application (Infrastructure, Automotive, Machinery, Energy, Others), By Region & Competition, 2020-2030F**

<https://marketpublishers.com/r/S42EA5BCAD1FEN.html>

Date: April 2025

Pages: 186

Price: US\$ 4,500.00 (Single User License)

ID: S42EA5BCAD1FEN

## **Abstracts**

### **Market Overview**

The Global Steel Ingots Market was valued at USD 460.5 billion in 2024 and is projected to reach USD 526.4 billion by 2030, growing at a CAGR of 2.1% during the forecast period. Steel ingots play a vital role in structural steel production across various industries, including construction, automotive, and energy. The expansion of smart city initiatives, industrial corridors, and renewable energy infrastructure continues to boost demand. The automotive sector contributes significantly, particularly with the rise of electric vehicles. Technological advancements such as electric arc furnaces and continuous casting improve production efficiency and sustainability. Additionally, increased recycling aligns with global environmental goals, making steel ingots a key component in sustainable development worldwide.

### **Key Market Drivers**

#### **Rising Demand from Construction and Infrastructure Development**

The global surge in construction and infrastructure projects significantly drives demand for steel ingots. Urbanization and industrialization have increased the requirement for high-strength, durable materials, with steel being essential in bridges, railways, high-rise buildings, and smart cities. Major global initiatives like China's Belt and Road Initiative and India's National Infrastructure Pipeline have propelled steel usage, supported by

extensive government investments. Developed markets such as North America and Europe also contribute to this growth through large-scale infrastructure upgrades and green building efforts. Mega-projects in the Middle East, including Saudi Arabia's NEOM, further underscore the growing reliance on steel ingots for modern infrastructure needs.

## Key Market Challenges

### Volatility in Raw Material Prices and Supply Chain Disruptions

The steel ingots market faces persistent challenges from fluctuating raw material costs and supply chain instability. Key inputs like iron ore, scrap metal, and coking coal are subject to geopolitical tensions, trade policies, and environmental regulations that drive unpredictable price changes. The COVID-19 pandemic exposed vulnerabilities in global supply chains, which have been further stressed by conflicts such as the Russia-Ukraine war. In addition, variability in scrap availability and quality impacts recycled steel production. Logistics issues, including rising fuel costs and port congestion, increase transportation expenses. Moreover, trade restrictions and tariffs can lead to regional imbalances, complicating procurement strategies for manufacturers and undermining profitability.

## Key Market Trends

### Rising Adoption of Green and Sustainable Steel Production

A major trend reshaping the steel ingots market is the growing shift toward environmentally sustainable production methods. In response to carbon neutrality targets, steel producers are investing in low-emission technologies such as electric arc furnaces, hydrogen-based steelmaking, and carbon capture systems. These alternatives significantly reduce greenhouse gas emissions compared to traditional blast furnace operations. Recycling is also gaining importance, with manufacturers adopting scrap-based production to enhance sustainability. Regulatory frameworks, such as carbon taxes and emissions trading systems, are driving this transition, particularly in regions like Europe and North America. As climate policies tighten globally, green steel production is expected to be a long-term growth factor for the market.

## Key Market Players

### JFE Steel Corporation

Nippon Steel Corporation

Hesteel Group

Thyssenkrupp AG

Steel Authority of India Limited

ClevelandCliffs Inc.

United States Steel Corporation

China Baowu Steel Group

Nucor Corporation

ArcelorMittal S.A.

#### Report Scope:

In this report, the Global Steel Ingots Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

#### Steel Ingots Market, By Product:

Billets

Bloom

Slabs

Others

#### Steel Ingots Market, By Application:

Infrastructure

Automotive

Machinery

Energy

Others

### Steel Ingots Market, By Region:

North America

United States

Canada

Mexico

Europe

Germany

France

United Kingdom

Italy

Spain

Asia Pacific

China

India

Japan

South Korea

Australia

South America

Brazil

Colombia

Argentina

Middle East & Africa

Saudi Arabia

UAE

South Africa

## Competitive Landscape

**Company Profiles:** Detailed analysis of the major companies present in the Global Steel Ingots Market.

## Available Customizations:

Global Steel Ingots Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## Company Information

Detailed analysis and profiling of additional market players (up to five).

## Contents

### 1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
  - 1.2.1. Markets Covered
  - 1.2.2. Years Considered for Study
  - 1.2.3. Key Market Segmentations

### 2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

### 3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, and Trends

### 4. VOICE OF CUSTOMER

### 5. GLOBAL STEEL INGOTS MARKET OUTLOOK

- 5.1. Market Size & Forecast
  - 5.1.1. By Value
- 5.2. Market Share & Forecast
  - 5.2.1. By Product (Billets, Bloom, Slabs, Others)
  - 5.2.2. By Application (Infrastructure, Automotive, Machinery, Energy, Others)
  - 5.2.3. By Region (North America, Europe, South America, Middle East & Africa, Asia Pacific)

5.3. By Company (2024)

5.4. Market Map

## **6. NORTH AMERICA STEEL INGOTS MARKET OUTLOOK**

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Product

6.2.2. By Application

6.2.3. By Country

6.3. North America: Country Analysis

6.3.1. United States Steel Ingots Market Outlook

6.3.1.1. Market Size & Forecast

6.3.1.1.1. By Value

6.3.1.2. Market Share & Forecast

6.3.1.2.1. By Product

6.3.1.2.2. By Application

6.3.2. Canada Steel Ingots Market Outlook

6.3.2.1. Market Size & Forecast

6.3.2.1.1. By Value

6.3.2.2. Market Share & Forecast

6.3.2.2.1. By Product

6.3.2.2.2. By Application

6.3.3. Mexico Steel Ingots Market Outlook

6.3.3.1. Market Size & Forecast

6.3.3.1.1. By Value

6.3.3.2. Market Share & Forecast

6.3.3.2.1. By Product

6.3.3.2.2. By Application

## **7. EUROPE STEEL INGOTS MARKET OUTLOOK**

7.1. Market Size & Forecast

7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By Product

7.2.2. By Application

7.2.3. By Country

### 7.3. Europe: Country Analysis

#### 7.3.1. Germany Steel Ingots Market Outlook

##### 7.3.1.1. Market Size & Forecast

###### 7.3.1.1.1. By Value

##### 7.3.1.2. Market Share & Forecast

###### 7.3.1.2.1. By Product

###### 7.3.1.2.2. By Application

#### 7.3.2. France Steel Ingots Market Outlook

##### 7.3.2.1. Market Size & Forecast

###### 7.3.2.1.1. By Value

##### 7.3.2.2. Market Share & Forecast

###### 7.3.2.2.1. By Product

###### 7.3.2.2.2. By Application

#### 7.3.3. United Kingdom Steel Ingots Market Outlook

##### 7.3.3.1. Market Size & Forecast

###### 7.3.3.1.1. By Value

##### 7.3.3.2. Market Share & Forecast

###### 7.3.3.2.1. By Product

###### 7.3.3.2.2. By Application

#### 7.3.4. Italy Steel Ingots Market Outlook

##### 7.3.4.1. Market Size & Forecast

###### 7.3.4.1.1. By Value

##### 7.3.4.2. Market Share & Forecast

###### 7.3.4.2.1. By Product

###### 7.3.4.2.2. By Application

#### 7.3.5. Spain Steel Ingots Market Outlook

##### 7.3.5.1. Market Size & Forecast

###### 7.3.5.1.1. By Value

##### 7.3.5.2. Market Share & Forecast

###### 7.3.5.2.1. By Product

###### 7.3.5.2.2. By Application

## 8. ASIA PACIFIC STEEL INGOTS MARKET OUTLOOK

### 8.1. Market Size & Forecast

#### 8.1.1. By Value

### 8.2. Market Share & Forecast

#### 8.2.1. By Product

#### 8.2.2. By Application



### 8.2.3. By Country

## 8.3. Asia Pacific: Country Analysis

### 8.3.1. China Steel Ingots Market Outlook

#### 8.3.1.1. Market Size & Forecast

##### 8.3.1.1.1. By Value

#### 8.3.1.2. Market Share & Forecast

##### 8.3.1.2.1. By Product

##### 8.3.1.2.2. By Application

### 8.3.2. India Steel Ingots Market Outlook

#### 8.3.2.1. Market Size & Forecast

##### 8.3.2.1.1. By Value

#### 8.3.2.2. Market Share & Forecast

##### 8.3.2.2.1. By Product

##### 8.3.2.2.2. By Application

### 8.3.3. Japan Steel Ingots Market Outlook

#### 8.3.3.1. Market Size & Forecast

##### 8.3.3.1.1. By Value

#### 8.3.3.2. Market Share & Forecast

##### 8.3.3.2.1. By Product

##### 8.3.3.2.2. By Application

### 8.3.4. South Korea Steel Ingots Market Outlook

#### 8.3.4.1. Market Size & Forecast

##### 8.3.4.1.1. By Value

#### 8.3.4.2. Market Share & Forecast

##### 8.3.4.2.1. By Product

##### 8.3.4.2.2. By Application

### 8.3.5. Australia Steel Ingots Market Outlook

#### 8.3.5.1. Market Size & Forecast

##### 8.3.5.1.1. By Value

#### 8.3.5.2. Market Share & Forecast

##### 8.3.5.2.1. By Product

##### 8.3.5.2.2. By Application

## 9. MIDDLE EAST & AFRICA STEEL INGOTS MARKET OUTLOOK

### 9.1. Market Size & Forecast

#### 9.1.1. By Value

### 9.2. Market Share & Forecast

#### 9.2.1. By Product

- 9.2.2. By Application
- 9.2.3. By Country
- 9.3. Middle East & Africa: Country Analysis
  - 9.3.1. Saudi Arabia Steel Ingots Market Outlook
    - 9.3.1.1. Market Size & Forecast
      - 9.3.1.1.1. By Value
    - 9.3.1.2. Market Share & Forecast
      - 9.3.1.2.1. By Product
      - 9.3.1.2.2. By Application
  - 9.3.2. UAE Steel Ingots Market Outlook
    - 9.3.2.1. Market Size & Forecast
      - 9.3.2.1.1. By Value
    - 9.3.2.2. Market Share & Forecast
      - 9.3.2.2.1. By Product
      - 9.3.2.2.2. By Application
  - 9.3.3. South Africa Steel Ingots Market Outlook
    - 9.3.3.1. Market Size & Forecast
      - 9.3.3.1.1. By Value
    - 9.3.3.2. Market Share & Forecast
      - 9.3.3.2.1. By Product
      - 9.3.3.2.2. By Application

## **10. SOUTH AMERICA STEEL INGOTS MARKET OUTLOOK**

- 10.1. Market Size & Forecast
  - 10.1.1. By Value
- 10.2. Market Share & Forecast
  - 10.2.1. By Product
  - 10.2.2. By Application
  - 10.2.3. By Country
- 10.3. South America: Country Analysis
  - 10.3.1. Brazil Steel Ingots Market Outlook
    - 10.3.1.1. Market Size & Forecast
      - 10.3.1.1.1. By Value
    - 10.3.1.2. Market Share & Forecast
      - 10.3.1.2.1. By Product
      - 10.3.1.2.2. By Application
  - 10.3.2. Colombia Steel Ingots Market Outlook
    - 10.3.2.1. Market Size & Forecast

- 10.3.2.1.1. By Value
- 10.3.2.2. Market Share & Forecast
  - 10.3.2.2.1. By Product
  - 10.3.2.2.2. By Application
- 10.3.3. Argentina Steel Ingots Market Outlook
  - 10.3.3.1. Market Size & Forecast
    - 10.3.3.1.1. By Value
  - 10.3.3.2. Market Share & Forecast
    - 10.3.3.2.1. By Product
    - 10.3.3.2.2. By Application

## **11. MARKET DYNAMICS**

- 11.1. Drivers
- 11.2. Challenges

## **12. MARKET TRENDS AND DEVELOPMENTS**

- 12.1. Merger & Acquisition (If Any)
- 12.2. Product Launches (If Any)
- 12.3. Recent Developments

## **13. COMPANY PROFILES**

- 13.1. JFE Steel Corporation
  - 13.1.1. Business Overview
  - 13.1.2. Key Revenue and Financials
  - 13.1.3. Recent Developments
  - 13.1.4. Key Personnel
  - 13.1.5. Key Product/Services Offered
- 13.2. Nippon Steel Corporation
- 13.3. Hesteel Group
- 13.4. Thyssenkrupp AG
- 13.5. Steel Authority of India Limited
- 13.6. ClevelandCliffs Inc.
- 13.7. United States Steel Corporation
- 13.8. China Baowu Steel Group
- 13.9. Nucor Corporation
- 13.10. ArcelorMittal S.A.

## **14. STRATEGIC RECOMMENDATIONS**

## **15. ABOUT US & DISCLAIMER**

## I would like to order

Product name: Steel Ingots Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Product (Billets, Bloom, Slabs, Others), By Application (Infrastructure, Automotive, Machinery, Energy, Others), By Region & Competition, 2020-2030F

Product link: <https://marketpublishers.com/r/S42EA5BCAD1FEN.html>

Price: US\$ 4,500.00 (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/S42EA5BCAD1FEN.html>