

Flat Steel Market Report by Product (Sheet and Strips, Plates), Material (Carbon Steel, Alloy Steel, Stainless Steel, Tool Steel), Application (Building and Infrastructure, Automotive and Other Transport, Mechanical Equipment, and Others), and Region 2024-2032

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Abstracts

The global flat steel market size reached US\$ 497.0 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 756.0 Billion by 2032, exhibiting a growth rate (CAGR) of 4.6% during 2024-2032. The rising adoption of flat steel across the industrial sector, the growing demand for flat steel products in the automotive industry, and significant growth in the manufacturing industry represent some of the key factors driving the market.

Flat steel is a type of substance that has been processed into a thin, flat sheet. It is one of the most common types of steel used in a variety of industries and applications, owing to its versatility and strength. It is widely available in cold-rolled, hot-rolled, galvanized, and pre-painted forms and can be cut, shaped, and welded for various applications. Though it is strong and durable, flat steel can be easily machined, bent, and formed into any desired shape. Its malleability and resistance to corrosion make it an ideal choice for construction and manufacturing sectors, as well as for everyday tasks, such as DIY projects and automotive repairs. It is often used for creating structural components, including beams, columns, and trusses, which are essential for the structural integrity of any building or formation. Additionally, it is utilized for designing numerous parts and components in the automotive, agricultural, and aerospace industries, as well as for consumer products, such as furniture and appliances. It is gaining widespread traction across the globe as it is an incredibly

versatile material, and its strength and durability make it a popular choice for various applications.

Flat Steel Market Trends:

The escalating demand for flat steel from the industrial sector majorly drives the global market. The automotive industry is considered one of the largest consumers of flat steel, with an extensive demand for flat steel products, including steel plates, sheets, and strips for the construction of the automotive body, chassis frames, engine parts, and other components, which is acting as a growth-inducing factor. Along with this, the growing popularity of flat steel for the construction of buildings, bridges, and other infrastructure due to the increasing need for strong, durable, and cost-effective materials is significantly supporting the market on the global level. With the significant growth in the manufacturing industry, the demand for flat steel is rising as it is a key material for producing many manufactured products, including appliances, electronics, and tools, thus contributing to the demand. Apart from this, the rising spending on renovation and interior designing is impelling the need for flat steel products for framing structures, repairing roofs, and other projects are significantly supporting the overall market. Furthermore, continual technological advancements are making flat steel more cost-effective and easier to use in numerous applications, creating a positive market outlook.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global flat steel market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product, material and application.

Product Insights:

Sheet and Strips

Plates

The report has provided a detailed breakup and analysis of the flat steel market based on the product. This includes sheet and strips, and plates. According to the report, sheet and strips represented the largest segment.

Material Insights:

Carbon Steel

Alloy Steel

Stainless Steel

Tool Steel

A detailed breakup and analysis of the flat steel market based on the material has also been provided in the report. This includes carbon steel, alloy steel, stainless steel, and tool steel.

Application Insights:

Building and Infrastructure

Automotive and Other Transport

Mechanical Equipment

Others

The report has provided a detailed breakup and analysis of the flat steel market based on the application. This includes building and infrastructure, automotive and other transport, mechanical equipment, and others.

Regional Insights:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, Asia Pacific was the largest market for flat steel. Some of the factors driving the Asia Pacific flat steel market included the presence of large players, rapid industrialization, and continual technological advancements, etc.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global flat steel market. Competitive analysis such as market structure, market share by key players, player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided. Some of the companies covered include Allegheny Technologies Incorporated, ArcelorMittal S.A. (Mittal Steel Company), China Steel Corporation, Hyundai Steel Co. Ltd., JFE Steel Corporation (JFE Holdings, Inc.), Nippon Steel Corporation, POSCO, SSAB AB, Tata Steel Ltd., ThyssenKrupp AG, United States Steel Corporation, and voestalpine Stahl GmbH (voestalpine Group).

Key Questions Answered in This Report

1. How big is the global flat steel market?
2. What is the expected growth rate of the global flat steel market during 2024-2032?
3. What are the key factors driving the global flat steel market?
4. What has been the impact of COVID-19 on the global flat steel market?
5. What is the breakup of the global flat steel market based on the product?
6. What are the key regions in the global flat steel market?

7. Who are the key players/companies in the global flat steel market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL FLAT STEEL MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY PRODUCT

- 6.1 Sheet and Strips
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Plates
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast

7 MARKET BREAKUP BY MATERIAL

7.1 Carbon Steel

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Alloy Steel

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 Stainless Steel

7.3.1 Market Trends

7.3.2 Market Forecast

7.4 Tool Steel

7.4.1 Market Trends

7.4.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION

8.1 Building and Infrastructure

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Automotive and Other Transport

8.2.1 Market Trends

8.2.2 Market Forecast

8.3 Mechanical Equipment

8.3.1 Market Trends

8.3.2 Market Forecast

8.4 Others

8.4.1 Market Trends

8.4.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

9.2 Asia-Pacific

9.2.1 China

9.2.1.1 Market Trends

9.2.1.2 Market Forecast

9.2.2 Japan

9.2.2.1 Market Trends

9.2.2.2 Market Forecast

9.2.3 India

9.2.3.1 Market Trends

9.2.3.2 Market Forecast

9.2.4 South Korea

9.2.4.1 Market Trends

9.2.4.2 Market Forecast

9.2.5 Australia

9.2.5.1 Market Trends

9.2.5.2 Market Forecast

9.2.6 Indonesia

9.2.6.1 Market Trends

9.2.6.2 Market Forecast

9.2.7 Others

9.2.7.1 Market Trends

9.2.7.2 Market Forecast

9.3 Europe

9.3.1 Germany

9.3.1.1 Market Trends

9.3.1.2 Market Forecast

9.3.2 France

9.3.2.1 Market Trends

9.3.2.2 Market Forecast

9.3.3 United Kingdom

9.3.3.1 Market Trends

9.3.3.2 Market Forecast

9.3.4 Italy

9.3.4.1 Market Trends

9.3.4.2 Market Forecast

9.3.5 Spain

9.3.5.1 Market Trends

9.3.5.2 Market Forecast

9.3.6 Russia

9.3.6.1 Market Trends

9.3.6.2 Market Forecast

9.3.7 Others

9.3.7.1 Market Trends

9.3.7.2 Market Forecast

9.4 Latin America

9.4.1 Brazil

9.4.1.1 Market Trends

9.4.1.2 Market Forecast

9.4.2 Mexico

9.4.2.1 Market Trends

9.4.2.2 Market Forecast

9.4.3 Others

9.4.3.1 Market Trends

9.4.3.2 Market Forecast

9.5 Middle East and Africa

9.5.1 Market Trends

9.5.2 Market Breakup by Country

9.5.3 Market Forecast

10 SWOT ANALYSIS

10.1 Overview

10.2 Strengths

10.3 Weaknesses

10.4 Opportunities

10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

12.1 Overview

12.2 Bargaining Power of Buyers

12.3 Bargaining Power of Suppliers

12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 Allegheny Technologies Incorporated

14.3.1.1 Company Overview

14.3.1.2 Product Portfolio

14.3.1.3 Financials

14.3.1.4 SWOT Analysis

14.3.2 ArcelorMittal S.A. (Mittal Steel Company)

14.3.2.1 Company Overview

14.3.2.2 Product Portfolio

14.3.2.3 Financials

14.3.2.4 SWOT Analysis

14.3.3 China Steel Corporation

14.3.3.1 Company Overview

14.3.3.2 Product Portfolio

14.3.3.3 Financials

14.3.4 Hyundai Steel Co. Ltd

14.3.4.1 Company Overview

14.3.4.2 Product Portfolio

14.3.4.3 Financials

14.3.5 JFE Steel Corporation (JFE Holdings, Inc.)

14.3.5.1 Company Overview

14.3.5.2 Product Portfolio

14.3.5.3 Financials

14.3.5.4 SWOT Analysis

14.3.6 Nippon Steel Corporation

14.3.6.1 Company Overview

14.3.6.2 Product Portfolio

14.3.6.3 Financials

14.3.6.4 SWOT Analysis

14.3.7 POSCO

14.3.7.1 Company Overview

14.3.7.2 Product Portfolio

14.3.7.3 Financials

- 14.3.7.4 SWOT Analysis
- 14.3.8 SSAB AB
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
- 14.3.9 Tata Steel Limited
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 Financials
 - 14.3.9.4 SWOT Analysis
- 14.3.10 thyssenkrupp AG
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 Financials
 - 14.3.10.4 SWOT Analysis
- 14.3.11 United States Steel Corporation
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
 - 14.3.11.3 Financials
 - 14.3.11.4 SWOT Analysis
- 14.3.12 voestalpine Stahl GmbH (voestalpine Group)
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio
 - 14.3.12.3 Financials
 - 14.3.12.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Flat Steel Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Flat Steel Market Forecast: Breakup by Product (in Million US\$), 2024-2032

Table 3: Global: Flat Steel Market Forecast: Breakup by Material (in Million US\$), 2024-2032

Table 4: Global: Flat Steel Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 5: Global: Flat Steel Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 6: Global: Flat Steel Market: Competitive Structure

Table 7: Global: Flat Steel Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Flat Steel Market: Major Drivers and Challenges

Figure 2: Global: Flat Steel Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Flat Steel Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 4: Global: Flat Steel Market: Breakup by Product (in %), 2023

Figure 5: Global: Flat Steel Market: Breakup by Material (in %), 2023

Figure 6: Global: Flat Steel Market: Breakup by Application (in %), 2023

Figure 7: Global: Flat Steel Market: Breakup by Region (in %), 2023

Figure 8: Global: Flat Steel (Sheet and Strips) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 9: Global: Flat Steel (Sheet and Strips) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 10: Global: Flat Steel (Plates) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 11: Global: Flat Steel (Plates) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 12: Global: Flat Steel (Carbon Steel) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 13: Global: Flat Steel (Carbon Steel) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 14: Global: Flat Steel (Alloy Steel) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 15: Global: Flat Steel (Alloy Steel) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 16: Global: Flat Steel (Stainless Steel) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 17: Global: Flat Steel (Stainless Steel) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 18: Global: Flat Steel (Tool Steel) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 19: Global: Flat Steel (Tool Steel) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 20: Global: Flat Steel (Building and Infrastructure) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 21: Global: Flat Steel (Building and Infrastructure) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 22: Global: Flat Steel (Automotive and Other Transport) Market: Sales Value (in

Million US\$), 2018 & 2023

Figure 23: Global: Flat Steel (Automotive and Other Transport) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 24: Global: Flat Steel (Mechanical Equipment) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 25: Global: Flat Steel (Mechanical Equipment) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 26: Global: Flat Steel (Other Applications) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 27: Global: Flat Steel (Other Applications) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 28: North America: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 29: North America: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 30: United States: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 31: United States: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 32: Canada: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 33: Canada: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 34: Asia-Pacific: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 35: Asia-Pacific: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 36: China: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 37: China: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 38: Japan: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 39: Japan: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 40: India: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 41: India: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 42: South Korea: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 43: South Korea: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 44: Australia: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 45: Australia: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 46: Indonesia: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 47: Indonesia: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 48: Others: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 49: Others: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 50: Europe: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 51: Europe: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 52: Germany: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 53: Germany: Flat Steel Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 54: France: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 55: France: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 56: United Kingdom: Flat Steel Market: Sales Value (in Million US\$), 2018 &
2023

Figure 57: United Kingdom: Flat Steel Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 58: Italy: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 59: Italy: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 60: Spain: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 61: Spain: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 62: Russia: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 63: Russia: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 64: Others: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 65: Others: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 66: Latin America: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 67: Latin America: Flat Steel Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 68: Brazil: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 69: Brazil: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 70: Mexico: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 71: Mexico: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 72: Others: Flat Steel Market: Sales Value (in Million US\$), 2018 & 2023

Figure 73: Others: Flat Steel Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 74: Middle East and Africa: Flat Steel Market: Sales Value (in Million US\$), 2018
& 2023

Figure 75: Middle East and Africa: Flat Steel Market: Breakup by Country (in %), 2023

Figure 76: Middle East and Africa: Flat Steel Market Forecast: Sales Value (in Million
US\$), 2024-2032

Figure 77: Global: Flat Steel Industry: SWOT Analysis

Figure 78: Global: Flat Steel Industry: Value Chain Analysis

Figure 79: Global: Flat Steel Industry: Porter's Five Forces Analysis

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