

Steel Rebar Market by Type (Deformed and mild), By End user (Infrastructure, Housing and Industrial), and Region – Global Market Analysis of Size, Share & Trends for 2019–2021 and Forecasts to 2030

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Abstracts

[175 + Pages Research Report] Global Steel Rebar Market to surpass USD 323.2 Billion by 2030 from USD 197.5 Billion in 2020 at a CAGR of 5.4% in the coming years, i.e., 2021-30.

Product Overview

Steel reinforcement bar, often known as rebar, is a tensioning device used in the construction industry, primarily for concrete reinforcement. Steel rebar is a flexible building element that is commonly used to retain and strengthen compressed concrete. Strengthening concrete is a complicated substance made of concrete that has undergone some reinforcement procedures. Concrete has a high density, yet it has a low strength. To compensate for this imbalance, steel rebar is cast into the concrete to support the tensile load. Welded wire fabric, sheet metal reinforcing bars, stainless steel rebar, wire mesh, and expanded metal are the five forms of rebar. Steel rebar is typically of a size and shape that allows it to be easily placed and bent in concrete to form a monolithic structure. Steel rebar has a high bendability, making it the optimum material for use as a reinforcement raw material in concrete structures. Steel rebar reduces the risk of cracking, has a high impact resistance, reduces spalling joint edges, and is extremely long-lasting.

Market Highlights

Global Steel Rebar market is expected to project a notable CAGR of 5.4% in 2030.

According to the report, non-residential construction activities are on the rise in global

regions. One of the primary drivers projected to fuel the growth of the steel rebar industry by the end of the forecast period in 2030 is the expansion of product portfolios, which is being accompanied by a shift in market trends towards the increased usage of better grades and degrees of steel rebar.

Global Steel Rebar: Segments

Deformed segment to grow with the highest CAGR during 2020-30

Global Steel Rebar market is segmented by type into Deformed and mild. Mild segment held the largest market share in the year 2020. The demand for higher strength variants in construction projects is driving up the use of deformed steel rebar. Deformed bars also assist save money by reducing the amount of steel needed. In comparison to mild steel products, deformed steel rebar has greater malleability and ductility, toughness, high yield strength, and corrosion and earthquake resistance. It is cost-effective and has a wide range of uses in industrial constructions, commercial and residential structures, and bridges.

Infrastructure segment to grow with the highest CAGR during 2020-30

Global Steel Rebar market is divided by end-user into Infrastructure, Housing, and Industrial. In 2020, the Infrastructure sector is expected to lead the global market in terms of value, based on industry. In several regions of the world, urbanization has resulted in a growth in the number of high-rise commercial buildings, which has increased demand for steel rebar. One of the main drivers for the residential construction industry is government support. The government gives subsidies and money to help low-income households afford housing. Consumers can use these subsidies to get lower-interest loans for the purchase or building of a new home.

Market Dynamics

Drivers

Rapid infrastructure development and urbanization

Product demand is being bolstered by rapid infrastructure development and the installation of new industrial units in emerging economies such as India and China. In the future years, rising per capita income, population growth, and rising living standards will all contribute to a good outlook for the residential sector. Furthermore, a number of countries throughout the world, including India and others, are proposing big smart city and housing initiatives to help the residential sector. Emerging economies are seeing

prospects for development and economic progress as a result of rapid urbanization. Several regions are collaborating to provide solutions to the most pressing issues. Smart city projects, policy formation to help the residential construction industry, and other initiatives are among them.

High yielding strength and durability characteristics and favorable government policies

The total steel rebar market will be driven by mechanical qualities of reinforced steel, such as high yield strength, malleability, durability, and thermal resistance. Steel is utilized as a reinforced bar because of its high-temperature elongation properties, which are almost identical to those of concrete. The worldwide construction industry will be driven by the increased popularity of skyscrapers and high-end building developments in the Middle East, as well as the resurgence of the construction industry in Europe. Favorable outcomes will be achieved in the near future as a result of supportive government policies and future megaprojects.

Restraint

Shortage of skilled individuals and lack of knowledge

The market is experiencing a shortage of skilled individuals, as well as a lack of knowledge, which could provide hurdles to the market for the foreseeable future. Market and target audience knowledge and awareness of product portfolios will encourage them to spend their disposable income on purchasing these market shares and products. However, the lack of accurate information and a reluctance to invest may prevent the market from rising as predicted.

Global Steel Rebar: Key Players

CELSA Steel

Gerdau SA

Hyundai Steel

Nippon Steel Corporation

Nucor Corporation

Steel Authority of India

Jiangsu Shagang Group Company Limited

Steel Dynamics Inc.

Tata Steel Limited

Other Prominent Players

Global Steel Rebar: Regions

Global Steel Rebar market is segmented based on regional analysis into five major

regions: North America, Latin America, Europe, Asia Pacific, and the Middle East and Africa. Due to increased construction activity and spreading industrialization across the area, Asia Pacific will be the largest steel rebar market. From 2020 to 2030, APAC is expected to grow at a CAGR of roughly 4.6 percent. Several regional countries, including India, China, South Korea, and others, have significant reinforced bar production capacity. Many small and medium-scale rebar manufacturers dominate the region, particularly in China, Japan, South Korea, and India.

Global Steel Rebar is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil, and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey, and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa, and Rest of MENA

Steel Rebar Market Report Scope and Segmentation

Report Attribute Details

Market size value in 2020 USD 197.5 Billion

Revenue forecast in 2030 USD 323.2 Billion

Growth Rate 5.4% CAGR from 2021 to 2030

Base year for estimation 2020

Quantitative units Revenue in USD million and CAGR from 2021 to 2030

Report coverage Revenue forecast, company ranking, competitive landscape, growth factors, and trends

Segments covered Type, end-user and Region

Regional scope North America, Europe, Asia Pacific, Latin America, Middle East & Africa (MEA)

Key companies profiled CELSA Steel, Gerdau SA, Hyundai Steel, Nippon Steel Corporation, Nucor Corporation, Steel Authority of India, Jiangsu Shagang Group Company Limited, Steel Dynamics Inc., Tata Steel Limited, and Other Prominent Players

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL STEEL REBAR MARKET

- 2.1. Product Overview
- 2.2. Market Definition
- 2.3. Segmentation
- 2.4. Assumptions and Acronyms

3. RESEARCH METHODOLOGY

- 3.1. Research Objectives
- 3.2. Primary Research
- 3.3. Secondary Research
- 3.4. Forecast Model
- 3.5. Market Size Estimation

4. AVERAGE PRICING ANALYSIS

5. MACRO-ECONOMIC INDICATORS

6. MARKET DYNAMICS

- 6.1. Growth Drivers
- 6.2. Restraints
- 6.3. Opportunity
- 6.4. Trends

7. CORRELATION & REGRESSION ANALYSIS

- 7.1. Correlation Matrix
- 7.2. Regression Matrix

8. RECENT DEVELOPMENT, POLICIES & REGULATORY LANDSCAPE

9. RISK ANALYSIS

9.1. Demand Risk Analysis

9.2. Supply Risk Analysis

10. GLOBAL STEEL REBAR MARKET ANALYSIS

10.1. Porters Five Forces

10.1.1. Threat of New Entrants

10.1.2. Bargaining Power of Suppliers

10.1.3. Threat of Substitutes

10.1.4. Rivalry

10.2. PEST Analysis

10.2.1. Political

10.2.2. Economic

10.2.3. Social

10.2.4. Technological

11. GLOBAL STEEL REBAR MARKET

11.1. Market Size & forecast, 2020A-2030F

11.1.1. By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

11.1.2. By Volume (Million Units) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12. GLOBAL STEEL REBAR MARKET: MARKET SEGMENTATION

12.1. By Regions

12.1.1. North America:(U.S. and Canada), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.2. Latin America: (Brazil, Mexico, Argentina, Rest of Latin America), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.3. Europe: (Germany, UK, France, Italy, Spain, BENELUX, NORDIC, Hungary, Poland, Turkey, Russia, Rest of Europe), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.4. Asia-Pacific: (China, India, Japan, South Korea, Indonesia, Malaysia, Australia, New Zealand, Rest of Asia Pacific), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.5. Middle East and Africa: (Israel, GCC, North Africa, South Africa, Rest of Middle East and Africa), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.2. By Type : Market Share (2020-2030F)

- 12.2.1. Deformed, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F
 - 12.2.2. Mild, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F
 - 12.3. By End User: Market Share (2020-2030F)
 - 12.3.1. Infrastructure, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F
 - 12.3.2. Housing, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F
 - 12.3.3. Industrial, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F
- Company Profile

1. CELSA STEEL

1. COMPANY OVERVIEW

2. COMPANY TOTAL REVENUE (FINANCIALS)

3. MARKET POTENTIAL

4. GLOBAL PRESENCE

5. KEY PERFORMANCE INDICATORS

6. SWOT ANALYSIS

7. PRODUCT LAUNCH

2. GERDAU SA

3. HYUNDAI STEEL

4. NIPPON STEEL CORPORATION

5. NUCOR CORPORATION

6. STEEL AUTHORITY OF INDIA

7. JIANGSU SHAGANG GROUP COMPANY LIMITED

8. STEEL DYNAMICS INC.

9. TATA STEEL LIMITED

10. OTHER PROMINENT PLAYERS

Consultant Recommendation

**The above-given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

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