

Steel Rebar Market Report by Product Type (Deformed, Mild), Process (Basic Oxygen Steelmaking, Electric Arc Furnace), Finishing Type (Epoxy, Coated, Black), End Use (Residential, Commercial, Industrial), and Region 2024-2032

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Abstracts

The global steel rebar market size reached US\$ 245.5 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 403.3 Billion by 2032, exhibiting a growth rate (CAGR) of 5.5% during 2024-2032.

Steel rebar, or reinforcement steel, refers to a steel wire mesh or bar used as a tension device to reinforce and support concrete and other masonry structures. It is usually manufactured using carbon steel, welded wire fabric, sheet-metal, epoxy, stainless steel and galvanized and glass-fiber reinforced polymers, iron, manganese, carbon, sulfur and phosphorus. Round, square-twisted, ribbed, stretched and ribbed-twisted are some of the commonly used steel rebars. They are used as a reinforcement to provide support to the structural designs, for minimizing cracking and temperature-induced stress and supporting other steel bars for equal distribution of the overall load. They offer various advantages, such as high durability, tensile strength, thermal resistance and malleability.

Significant growth in the construction industry over the years is one of the key factors creating a positive outlook for the market. Furthermore, extensive infrastructural development, especially in developing countries, is stimulating the market growth. Steel rebars are widely used in the construction of modern skyscrapers, roads, highways, bridges, sewage tunnels, airports and stadiums. In line with this, growing requirements for deformed steel reinforcing is contributing to the market growth. It is used as a prestressed reinforcing bar in construction activities for minimal slippage and improved

bonding with the cement beams and columns. Additionally, various product innovations, such as the development of thermo-mechanical technology that aids in improving the quality of rebars, are acting as other growth-inducing factors. This enables product manufacturers to create variants with superior tensile strength, ductility and corrosion resistance. Other factors, including rapid industrialization, along with growing product demand from the non-residential sectors, such as oil and gas and manufacturing, are anticipated to drive the market further.

Key Market Segmentation:

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

Breakup by Product Type:

- Deformed
- Mild

Breakup by Process:

- Basic Oxygen Steelmaking
- Electric Arc Furnace

Breakup by Finishing Type:

- Epoxy
- Coated
- Black

Breakup by End Use:

- Residential
- Commercial
- Industrial

Breakup by Region:

- 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

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being ArcelorMittal (Mittal Steel Company), CELSA Steel UK, Commercial Metal Company, Daido Steel Co. Ltd., Gerdau SA, Hyundai Steel, Nippon Steel Corporation, Nucor Corporation, Steel Authority of India, Jiangsu Shagang Group Company Limited, Steel Dynamics Inc., and Tata Steel Limited.

Key Questions Answered in This Report:

How has the global steel rebar market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global steel rebar market?

What are the key regional markets?

What is the breakup of the market based on the product type?

What is the breakup of the market based on the process?

What is the breakup of the market based on the finishing type?

What is the breakup of the market based on the end use?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global steel rebar market and who are the key players?

What is the degree of competition in the industry?

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