

# **Rectangular hollow section steel market By type (welded Rectangular hollow section and seamless Rectangular hollow section); By application (agricultural, construction, general engineering, mechanical application and others) and Region – Analysis of Market Size, Share and Trends for 2014 – 2019 and Forecasts to 2030**

<https://marketpublishers.com/r/R240175CF22FEN.html>

Date: May 2024

Pages: 168

Price: US\$ 5,000.00 (Single User License)

ID: R240175CF22FEN

## **Abstracts**

### Product Overview

In a rectangular hollow section, zinc-coating covers the entire surface. It comes in a variety of wall heights and thicknesses and is widely used in frame manufacturing, in commercial and domestic construction, and in handyman gate and posting projects where rust resistance is necessary and thus is expected to dominate the market.

Stainless steel tube is easy to recycle. Many projects benefit from Rectangular steel tubing, including all building types, highway guardrails and signage, column support, trusses, bridges, heavy equipment, storage systems, and exercise equipment. When combined with the appropriate steel grade, a wide range of dimensions ensure that the structure's functionality and cost-efficiency can be optimized.

### Market Highlights

Rectangular hollow section steel market size was registered at USD XX billion in 2019 and is estimated to reach USD XX billion by 2030, registering a CAGR of XX% from 2020 to 2030

In a rectangular hollow section, zinc-coating covers the entire surface. It comes in a variety of wall heights and thicknesses and is widely used in frame manufacturing, in commercial and domestic construction, and in handyman gate and posting projects where rust resistance is necessary and thus is expected to dominate the market. A

common option for mechanical, structural, and construction applications is the rectangular hollow sections. This is due to the flat surface resulting in a more economical structural solution for joining and other manufacturing works of different forms. Due to the rectangular shape of this type of hollow part, sections can be cut straight when joining to other flat surfaces. RHS requires minimal edge planning for welding or joining. Due to clean lines alongside structural strength, the rectangular hollow section can also be used for architectural aesthetics. Many projects benefit from Rectangular steel tubing, including all building types, highway guardrails and signage, column support, trusses, bridges, heavy equipment, storage systems, and exercise equipment.

Source: Fatpos Global

#### Rectangular hollow section steel market: Segments

The Rectangular hollow section steel market is segmented based on type, application, and region.

By type (in %), Rectangular hollow section steel market, 2019

By type, the market can be segmented into welded Rectangular hollow section and seamless Rectangular hollow section.

By application (in %), Rectangular hollow section steel market, 2019

The construction segment accounted for XX% of the nation's volume in 2019

The application segment can be classified into agricultural, construction, general engineering, mechanical application, and others. Urbanization and construction provide strong demand for long steel products including bars and parts, while manufacturing industry development provides demand for flat products such as hot and cold rolled coils and stainless steel, which is likely to have a positive impact on the market share of structural steel. Thus, the construction segment is expected to dominate the application segment.

The region segment can be further divided into five major types including North America, Latin America, Europe, APAC, and MENA.

Source: Fatpos Global

#### Rectangular hollow section steel market Dynamics:

Increasing constructional activities and government initiatives to increase the market growth

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variety of wall heights and thicknesses and is widely used in frame manufacturing, in commercial and domestic construction, and in handyman gate and posting projects where rust resistance is necessary and thus is expected to dominate the market. A common option for mechanical, structural, and construction applications is the rectangular hollow sections. This is due to the flat surface resulting in a more economical structural solution for joining and other manufacturing works of different forms. Due to the rectangular shape of this type of hollow part, sections can be cut straight when joining to other flat surfaces. RHS requires minimal edge planning for welding or joining. Due to clean lines alongside structural strength, the rectangular hollow section can also be used for architectural aesthetics. Many projects benefit from Rectangular steel tubing, including all building types, highway guardrails and signage, column support, trusses, bridges, heavy equipment, storage systems, and exercise equipment.

Costly and fireproof treatment along with outdoor corrosion to hinder the market growth Structural steel requires costly, fireproof treatment and is susceptible to corrosion in outdoor environments. This can somewhat hamper the growth of the industry.

#### Rectangular hollow section steel market: Regions

In terms of value and volume, APAC accounted for XX% of total market volume share in 2019

Growing residential construction worldwide due to increasing income levels and urbanization in the APAC region has led to increased building projects. Builders rely on the quality of the construction materials to create a solid building foundation. Increasing use of the product in the construction of residential buildings will have a positive impact on market trends in Rectangular hollow section steel.

The region segment can be further divided into five major types including North America, Latin America, Europe, APAC, and MENA.

Source: Fatpos Global

Rectangular hollow section steel market is further segmented by region into:  
North America Market Size, Share, Trends, Opportunities-o-Y Growth, CAGR – the 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,

*Rectangular hollow section steel market By type (welded Rectangular hollow section and seamless Rectangular ho...*

Poland, NORDIC, Russia, Turkey and Rest of Europe

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

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

Rectangular hollow section steel market: Competitive landscape

In order to broaden their product range and increase their regional presence, manufacturers are involved in product launches, developments, and collaborations along with support from government regulations, which may enable acquiring firms to leverage the long-term steel market.

Rectangular hollow section steel market: Key players

Arcelor Mittal

Business Strategy

Key Product Offerings

Financial Performance

Key Performance Indicators

Risk Analysis

Recent Development

Regional Presence

SWOT Analysis

Nippon Steel and Sumitomo Metal Corporation

Hebei Steel Group

Baosteel Group

Shagang Group

Ansteel Group

Shougang Group

JFE Steel Corporation

Tata Steel Group

Other prominent players

Rectangular hollow section steel market report also contains analysis on:

Rectangular hollow section steel market segments:-

By type:

Welded Rectangular hollow section

Seamless Rectangular hollow section

By application:

Agricultural

Construction

General Engineering

Mechanical Application

Others

Rectangular hollow section steel market dynamics

Rectangular hollow section steel market size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

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Consultant Recommendation

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

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