

# Cold-formed Steel Market Size, Share & Trends Analysis Report By Application (Automotive, Building & Construction, Industrial Equipment), By Region (North America, Europe, Asia Pacific), And Segment Forecasts, 2026 - 2033

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## Abstracts

The global cold-formed steel market size was estimated at USD 17.13 billion in 2025 and is projected to reach USD 28.06 billion by 2033, growing at a CAGR of 6.7% from 2026 to 2033. The market is experiencing robust growth, driven by the increasing adoption of lightweight, high-strength construction materials across residential, commercial, and industrial infrastructure projects.

Rapid urbanization, rising investments in prefabricated and modular construction, and the growing emphasis on cost-efficient and time-saving building solutions are accelerating demand for cold-formed steel framing systems.

Cold-formed steel (CFS) is increasingly gaining traction due to its strong sustainability profile within the construction ecosystem. Steel is 100% recyclable without degradation in mechanical properties, making cold-formed sections aligned with circular economy principles. The material's high strength-to-weight ratio reduces overall structural dead load, thereby lowering foundation requirements and embodied carbon per square meter of construction. Compared to conventional concrete-intensive systems, CFS framing generates less on-site waste and supports off-site prefabrication, thereby enhancing material utilization efficiency and reducing construction-related emissions. In addition, the integration of Environmental Product Declarations (EPDs) and green building certifications, such as LEED and BREEAM, is accelerating the adoption of cold-formed steel in sustainable building projects globally.

Technological advancements in roll-forming, computer-aided engineering (CAE), and Building Information Modelling (BIM) are transforming the cold-formed steel industry. Automated roll-forming lines with precision control systems enable high-volume, dimensionally accurate production with minimal tolerance deviation. The increasing use of advanced finite element modelling (FEM) tools allows engineers to optimize section profiles for enhanced load-bearing performance while minimizing material consumption. Moreover, the adoption of digital fabrication, robotics in panelization, and modular construction techniques is improving installation speed and structural consistency. Coating technologies such as advanced galvanization and zinc-aluminum-magnesium (ZAM) coatings are also enhancing corrosion resistance, expanding CFS applications into coastal, industrial, and high-humidity environments.

## Global Cold-formed Steel Market Report Segmentation

This report forecasts country revenue growth and analyzes the latest trends in each sub-segment from 2021 to 2033. For this study, Grand View Research has segmented the global cold-formed steel market report based on the application, and region.

### Application Outlook (Volume, Kilotons; Revenue, USD Million, 2021 - 2033)

Building & Construction

Automotive

Industrial Equipment

Others

### Regional Outlook (Volume, Kilotons; Revenue, USD Million, 2021 - 2033)

North America

U.S.

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Asia Pacific

China

Japan

South Korea

India

Australia

Latin America

Brazil

Argentina

Middle East & Africa

Saudi Arabia

UAE

South Africa

**This report can be delivered to the clients within 6 Business Days**

*Cold-formed Steel Market Size, Share & Trends Analysis Report By Application (Automotive, Building & Construct...*

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