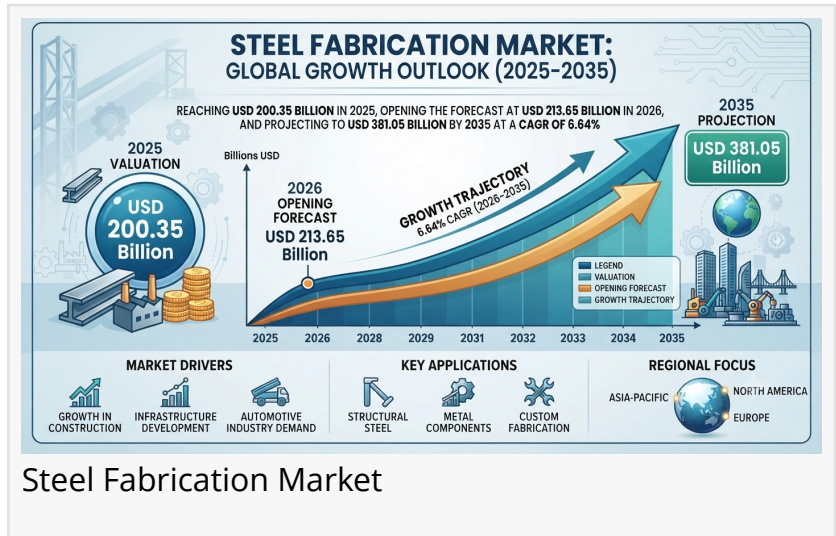


Steel Fabrication Market Expands at 6.64% CAGR, Crossing \$381 Billion by 2035 from \$200.35 Billion in 2025

NEW YORK, NY, UNITED STATES,
September 11, 2026 /

EINPresswire.com/ -- The global [steel fabrication market](#) is entering a period of sustained expansion as infrastructure investment, industrial development, construction activity, digital infrastructure, and energy-transition projects increase demand for fabricated steel products. According to the latest Market Research Future (MRFR) analysis, the market was valued at approximately USD 200.35 billion in 2025 and is projected to reach USD 381.05 billion by 2035, representing a 6.64% CAGR from 2026 to 2035.



Steel Fabrication Market

Overview of the Steel Fabrication Market

Steel fabrication involves transforming raw steel into finished components and structures through processes such as cutting, welding, bending, folding, shearing, drilling, and assembly. Fabricated steel is extensively used in buildings, bridges, industrial facilities, automobiles, energy infrastructure, aerospace applications, and other large-scale projects.

The market is benefiting from increasing investments in public infrastructure and manufacturing facilities. At the same time, advances in automation, computer numerical control (CNC) machinery, robotic welding, and digital design are improving production accuracy and efficiency.

MRFR estimates that the market will increase from USD 213.65 billion in 2026 to USD 381.05 billion by 2035.

Get Sample @ https://www.marketresearchfuture.com/sample_request/10929

Key Market Growth Drivers

1. Rising Infrastructure Development

Large investments in roads, bridges, railways, ports, airports, and urban infrastructure are creating consistent demand for structural steel and fabricated components. Government-backed infrastructure programs provide fabricators with large project pipelines and support long-term market growth.

Infrastructure development is particularly important in Asia-Pacific, where rapid urbanization and industrialization are supporting steel consumption.

2. Expansion of Manufacturing Facilities

The construction of factories, semiconductor facilities, battery plants, pharmaceutical facilities, and other industrial sites is creating additional opportunities for steel fabricators.

Modern manufacturing facilities require structural frames, platforms, mezzanines, process supports, equipment structures, and other customized steel components. Manufacturing reshoring and new plant construction are therefore becoming important contributors to market demand.

3. Growth of Data Centers

The rapid expansion of cloud computing, artificial intelligence, and digital services is driving significant investment in data-center infrastructure.

Data centers require steel frames, roof structures, equipment platforms, support systems, and other fabricated components. The need for faster construction is also encouraging developers to work with fabricators capable of delivering standardized components within tight schedules.

4. Automation and Robotic Welding

Technology is transforming traditional steel fabrication operations. CNC cutting and drilling systems, fiber-laser equipment, robotic welding cells, automated material handling, and digital production systems are helping fabricators improve productivity and reduce production errors.

Integration between Building Information Modeling (BIM) systems and fabrication machinery can also reduce manual detailing and improve coordination between engineering, fabrication, and construction teams.

Market Segmentation

According to MRFR, the steel fabrication market can be analyzed by fabrication type, service type, steel grade, end-user industry, and region.

By Fabrication Type

The major categories include:

Structural steel
Light-gauge steel
Plate fabrication
Other fabrication types

Structural steel represented the largest fabrication category in 2025, accounting for approximately 47.78% of market revenue. Meanwhile, light-gauge steel is expected to record strong growth as modular construction and specialized building applications expand.

By Service Type

The market includes:

Metal welding
Metal cutting
Metal folding
Metal shearing
Other fabrication services

Metal welding accounted for approximately 34.91% of service revenue in 2025, making it the leading service segment.

By Steel Grade

Steel fabrication commonly uses:

[Carbon steel](#)

[Alloy steel](#)

Stainless steel

Tool steel

Carbon steel remains the dominant grade because of its relatively competitive cost, availability, versatility, and broad acceptance across construction and industrial applications. .

By End-User Industry

Key industries include:

Construction
Manufacturing
Automotive
Energy and power
Aerospace and defense
Other industrial applications

Construction represented approximately 40.66% of market demand in 2025, making it the largest end-use segment. The automotive sector is also expected to grow rapidly as manufacturing facilities and vehicle platforms become increasingly sophisticated. .

Buy Now @ https://www.marketresearchfuture.com/checkout?currency=one_user-

Regional Market Outlook

Asia-Pacific

Asia-Pacific is the leading regional market, accounting for approximately 42.32% of global steel fabrication revenue in 2025. The region benefits from infrastructure investment, urbanization, manufacturing expansion, and industrial development in countries including China and India..

The region is also projected to experience strong growth during the forecast period, supported by infrastructure projects and expanding manufacturing capacity.

North America

North America represents another significant market, supported by infrastructure modernization, manufacturing investment, data-center construction, and industrial reshoring.

The growing construction of advanced manufacturing facilities is generating demand for customized structural and industrial steel components. .

Europe

Europe continues to be an important market, although sustainability and carbon regulations are becoming increasingly influential. Fabricators are under growing pressure to provide information about the carbon footprint and origin of steel used in projects..

Middle East & Africa

The Middle East and Africa offer attractive opportunities because of major energy, infrastructure, industrial, and large-scale development projects. MRFR estimates that the region contributed approximately USD 15.18 billion in market revenue in 2025. .

Emerging Market Trends

Sustainable Steel Fabrication

Sustainability is becoming a major competitive factor. Customers and governments are increasingly interested in low-carbon steel, emissions reporting, recycling, and environmentally responsible production.

Fabricators that can demonstrate the origin and carbon intensity of their steel products may gain an advantage in projects where environmental performance is part of the procurement process..

Modular and Off-Site Construction

Off-site fabrication allows more work to be completed in controlled factory environments before components are transported to construction sites. This approach can reduce site labor requirements, improve quality control, and accelerate project completion.

The adoption of modular construction is therefore creating new opportunities for light-gauge steel and prefabricated structural systems. .

Digitalization

Digital twins, BIM, automated production planning, and data-driven quality control are increasingly being incorporated into fabrication workflows.

Digital integration allows fabricators to connect engineering designs with manufacturing equipment, improve material utilization, monitor production performance, and provide customers with more detailed project information.

Challenges Facing the Market

Despite its growth potential, the steel fabrication industry faces several challenges.

Steel price volatility can affect project margins, particularly for companies working under fixed-price contracts. MRFR identifies raw-material price fluctuations as one of the important restraints on market growth.

Skilled labor shortages are another concern. Welding, fitting, machining, and other specialized activities require trained workers, while many developed markets face an aging industrial workforce.

High automation costs can also be challenging for smaller fabrication companies. Advanced CNC equipment and robotic production systems require substantial capital investment, software, training, and ongoing maintenance.

Working-capital requirements can further constrain smaller businesses because large projects may require fabricators to purchase substantial quantities of steel well before receiving final project payments.

Read More @ <https://www.marketresearchfuture.com/reports/steel-fabrication-market-10929>

Competitive Landscape

The global steel fabrication market includes major steel and industrial companies as well as specialized fabrication firms. Key companies identified by MRFR include ArcelorMittal, Nucor Corporation, Nippon Steel Corporation, POSCO Holdings, Tata Steel, and voestalpine AG.

Competition is increasingly based not only on production capacity but also on delivery speed, engineering capabilities, quality certifications, automation, sustainability credentials, and the ability to handle complex customized projects.

Future Outlook

The outlook for the steel fabrication market remains positive through 2035. Infrastructure

investment, industrial expansion, data-center construction, energy-transition projects, and technological modernization are expected to provide multiple sources of demand.

MRFR projects the market to reach USD 381.05 billion by 2035, with a 6.64% CAGR between 2026 and 2035.

The companies best positioned for future growth are likely to be those that combine strong fabrication capacity with automation, digital engineering, skilled labor, efficient supply-chain management, and low-carbon material sourcing.

Browse More Reports:

US Carbon Black Market <https://www.marketresearchfuture.com/reports/us-carbon-black-market-13957>

3D Printing Filament Market <https://www.marketresearchfuture.com/reports/3d-printing-filament-market-8427>

Rubber Market <https://www.marketresearchfuture.com/reports/rubber-market-12618>

Peroxyacetic Acid Market <https://www.marketresearchfuture.com/reports/peroxyacetic-acid-market-708>

Phosgene Market <https://www.marketresearchfuture.com/reports/phosgene-market-1184>

N-Vinylformamide Market <https://www.marketresearchfuture.com/reports/n-vinylformamide-market-3318>

High Temperature Resistant Wire Market <https://www.marketresearchfuture.com/reports/high-temperature-resistant-wire-market-21376>

Market Research Future

Market Research Future

+1 855-661-4441

[email us here](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/941416934>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2026 Newsmatics Inc. All Right Reserved.