India Metal Fabrication Market By Material Type (Steel, Aluminum, and Others), By End-User Industry (Construction, Automotive, Aerospace, Manufacturing, Energy & Power, Electronics, and Others), By Service (Casting, Forging, Machining, Welding & Tubing, and Others), By Region, Competition, Forecast and Opportunities, 2029F

Market Report (3 business days) | 2023-10-03 | 70 pages | TechSci Research

AVAILABLE LICENSES:

- Single User License $3500.00
- Multi-User License $4500.00
- Custom Research License $7500.00

Report description:

India metal fabrication market is anticipated to grow at a high CAGR in the forecast period 2025-2029. Rise in demand for automated manufacturing systems across the country is thrusting the India metal fabrication market. Adoption of robotics, computer-aided engineering, and ERP software aids in making manufacturing facilities safe, improves productivity, and lowers the labor cost. Metals are adaptable materials that are extensively used in numerous industries. Metal fabrication workshops offer value-added services under a single roof such as welding, cutting, machining, and shearing.

Metal fabrication is the procedure of manufacturing sheet metal and other flat metals to construct them conform to specific shapes. Using this metal, fabricators alter the sheet to create a specific shape. This takes place through cutting, stamping, shaping, folding, and welding. Another related practice is custom fabrication, which means the fabrication of new custom parts using novel combinations of these processes.

The market for metal fabrication in India is gradually opening to the use of new age technologies and solutions due to the increased advancements in fields like computerization and robotics. Rising demand for metal processing and machining across the country is anticipated to drive the India metal fabrication market over the anticipated timeframe.

India Metal Fabrication Market: Drivers

Increasing Number of Manufacturing Plants

The rising demand for goods and services across various sectors in India is expected to drive the Indian manufacturing sector. In addition, global manufacturing companies are focusing on diversifying their production by setting-up low-cost plants in countries like China and India. The Indian manufacturing sector is projected to be valued at USD 1 trillion by 2025, registering six times more growth than the current value. This expansion is expected to enhance the number of manufacturing capacities in the

country, driving the demand for the metal fabrication. For instance, since 2014, the number of mobile manufacturing facilities established in India has increased by more than 60 times. It demonstrates the overall demand in the market under study as a result of the rising number of industrial facilities in the nation. The Singapore-based business services and electronics manufacturer Flex inaugurated a new production plant in Chennai in July 2019, bringing its total number of manufacturing locations in India to four.

According to some industrial sources, as of July 2019, the country had planned to open four giga factories to manufacture batteries, with an investment of around USD 4 billion, as the country prepares to shift to electric vehicles. Moreover, according to the US-India Strategic and Partnership Forum (USISPF), around 200 US companies are planning to shift their manufacturing plants to India.

Infrastructure Development Activities

The infrastructure development activities by the Government of India are among one of the major driving factors likely to boost the India metal fabrication market over the next few years. Government initiatives, such as the construction of metro stations, new no-frill airports, international terminals, industry corridors, power plants, and ports, and others that require heavy steel structures are expected to drive the growth of the India metal fabrication market. There is a huge infrastructure gap in the country. The government estimates that infrastructure investment of USD 4.5 trillion may be needed through 2040. Over the next few years, the capital expenditure is expected to remain high for Indian infrastructure players across sectors.

Additionally, the construction and infrastructure sector are the largest end-user vertical to consume steel in India. In 2016, the construction and infrastructure sector described for a major share of 62% of the overall Indian steel market.

In June 2019, the infrastructure company, Larsen & Toubro (L&T) won a mega order from SJVN Thermal Pvt Ltd to set up an ultra-supercritical power plant in Buxar district of Bihar. The mega project is worth over USD 844.14 million and the scope of the work for the company includes design, engineering, manufacture, procurement, supply, construction, erection, testing, and commissioning of Buxar thermal power project.

In July 2019, the Railway Ministry sought the approval of the Union Cabinet to build three new dedicated freight corridor (DFC) networks for a total investment of about USD 38.18 billion. This includes development of East-West Corridor (2,328kms) between Kolkata and Mumbai, and the North-South Corridor (2,327km) between Delhi and Chennai, while the East Coast Corridor (1,114km) is planned between Kharagpur and Vijayawada.

The DFC project of Indian railways includes constructing five freight corridors across the country. The railways, through its arm, Dedicated Freight Corridor Corp. of India Ltd (DFCCIL), is already building the first two freight corridors Eastern Freight Corridor from Ludhiana to Dankuni (1,856km) and Western Freight Corridor from Dadri to Jawaharlal Nehru Port (1,504 km), for a total cost of USD 9.77 crore.

In 2021, the railways planned to complete more than 60-70% of the work in the two corridors and make them fully operational. Freight corridors are key to the government's infrastructure projects that seek to decongest railway network, ensure faster movement of goods, increase the national carrier's freight capacity network, and reduce the overall logistics cost for companies. The development of these freight corridors drives the metal fabrication market with the construction of railway lines, and a lot of warehouses/storage terminals, and other supporting infrastructure.

Additionally, the Industrial Corridors that stretch across the country is aiming to push "smart and sustainable cities" by leveraging on the high speed and high connectivity transportation system in India. The central government has decided to build these corridors along five stretches, which will see dedicated construction of residential areas, public utilities, production units, schools, and hospitals. Delhi - Mumbai Industrial Corridor (DMIC) is the flagship IC and will act as model corridor for other stretches, including Bengaluru - Mumbai Economic Corridor (BMEC), Chennai - Bengaluru Industrial Corridor (CBIC), Vizag - Chennai Industrial Corridor (VCIC), and Amritsar - Kolkata Industrial Corridor (AKIC).

India Metal Fabrication Market: Trends

Automation For Metal Fabrication:

Although automation is not really a new trend, its popularity has increased in response to the challenges many metal fabrication businesses have in finding trained employees. Many skilled employees and craftsmen are driven to the metal fabrication business due to new, innovative technologies like robots, additive manufacturing, and automation. There are more options for job advancement and training and working in this field is getting safer. The industry uses computer numerical control (CNC) devices

to automate a lot of processes. Due to their ability to execute a variety of repeated jobs, CNC machines may be effective in decreasing and in some circumstances, even completely eradicating some of the most frequent repetitive stress injuries that affect many workers. Automation technology may improve output versatility, overall productivity, efficiency, and output quality while offering limitless customization options. In the field of metal production, automation technology advancements are getting started with CNS machines.

Digitization For Metal Fabrication:

Metal fabrication has been sluggish to adopt digitization in India, like many other businesses. It is critical to understand that constructing a technology-based platform does not include doing away with the human element. Instead, it represents an improvement in terms of production and efficiency.

Data-driven decision-making is yet another significant benefit of digitization. ERP systems provide firms with the capacity to assess every aspect of their operations and effectiveness. Initiatives for data interchange and simplification within specific firms and the industry at large can benefit from this data. The capacity of digitization techniques to gather, measure, and analyze data will determine the direction of the metal production business in the future. These measures provide for greater openness when assessing employees' talents and general productivity while shedding light on overall efficiency.

Market Segments

India metal fabrication market is segmented based on material type, end-user industry, service, and region. Based on material type, the market is segmented into steel, aluminum, and others. Based on end-user industry, the market is segmented into construction, automotive, aerospace, manufacturing, energy & power, electronics, and others. Based on service, the market is segmented into casting, forging, machining, welding & tubing, and others. The market analysis studies market segmentation, divided among north, east, west, and south.

Market Players

Major players of India metal fabrication market are Salasar Techno Engineering Ltd., Kirby Building Systems, LLC, Pennar Industries Limited, ISGEC Heavy Engineering Ltd., DMG MORI India Pvt. Ltd., Yamazaki Mazak Pvt. Ltd., TRUMPF (India) Pvt. Ltd., LancerFab Tech Pvt Ltd, Interplex Electronics India Pvt. Ltd., and Kineco Kaman Composites India Private Limited.

Report Scope:

In this report, India metal fabrication market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

- India Metal Fabrication Market, By Material Type:
  - Steel
  - Aluminum
  - Others
- India Metal Fabrication Market, By End-User Industry:
  - Construction
  - Automotive
  - Aerospace
  - Manufacturing
  - Energy & Power
  - Electronics
  - Others
- India Metal Fabrication Market, By Service:
  - Casting
  - Forging
  - Machining
  - Welding & Tubing
  - Others
- India Metal Fabrication Market, By Region:

o North India
o East India
o West India
o South India
Competitive Landscape
Company Profiles: Detailed analysis of the major companies present in India metal fabrication market.
Available Customizations:
India metal fabrication market with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:
Company Information
Detailed analysis and profiling of additional market players (up to five).

Table of Contents:

(Note: The companies list can be customized based on the client requirements.)

India Metal Fabrication Market By Material Type (Steel, Aluminum, and Others), By End-User Industry (Construction, Automotive, Aerospace, Manufacturing, Energy & Power, Electronics, and Others), By Service (Casting, Forging, Machining, Welding & Tubing, and Others), By Region, Competition, Forecast and Opportunities, 2029F

Market Report (3 business days) | 2023-10-03 | 70 pages | TechSci Research

To place an Order with Scotts International:

- - Print this form
- - Complete the relevant blank fields and sign
- - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	$3500.00
	Multi-User License	$4500.00
	Custom Research License	$7500.00
	VAT	
	Total	

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*		Phone*	
First Name*		Last Name*	
Job title*			
Company Name*		EU Vat / Tax ID / NIP number*	
Address*		City*	
Zip Code*		Country*	

Date	2025-05-05
Signature	