



About Metall Structures

Established in 2009, commencing production in 2010, Metall Structures Private Limited is a small yet highly motivated manufacturing unit focussed on standard and customized structural fabrication for a wide range of end-use.

In the short span of its operations, Metall Structures has succeeded in building a selective but strong base of quality conscious clients, both in public and private sector. The most prestigious among these is an *Away Center Fabricator* association with Bharat Heavy Electricals Limited, Trichi.

Metall Structures' present production capacity is 15,000 Metric Tons per annum.

Background & Benefit

Metall Structures' parent company is D. P. Bansal Commercial Company, a steel trading company with 5 decades of experience in making a wide range of steel products available to clients across India.

D. P. Bansal Commercial Company is a direct sales associate of Steel Authority of India Limited - Bhilai Steel Plant and also deals in products from Tata Steel, Essar Steel as well as local Steel Manufacturers.

D. P. Bansal Commercial Company effectively functions as a raw material procurement arm of Metall Structures and makes available a wide range of steel for structural fabrication for Metall Structures' clients.

Location & Advantage

Metall Structures' Head Office is located in Bhilai, a well known hub of Iron and Steel industry in the Central Indian State of Chhattisgarh in India. The production facility is in Murmunda at a distance of 20 kms. from Bhilai.

Centrally located in India, Metall is well connected by road, rail and air transport to all parts of the country, and is able to serve clients across the length and breadth of the country with relative ease.

Quality Assurance

Quality is a core concern for Metall Structures in all its processes and practices. It is reflected in the way the unit was originally set up: with constant focus on getting the best possible components and facilities for a unit of its size; it is reflected in its use of tried and tested consumables in its production; it is reflected in its making available to clients the best possible choice of raw material for their products.

Metall Structures has its own NDT executive qualified in ASNT-Level-II for UT, MT, LPT, RT for continuous coordination with production to maintain quality.

In addition to following its own standard quality practices, Metall Structures makes it a point to ask for and follow each particular client's quality plan because the company firmly believes that *'Quality is what the Customer approves'*. To this end, Metall Structures has in-house testing facilities as well as third party associations with approved NDT/Quality Assurance agencies.

Metall Structures has also adopted the GL System Certification ISO 9001:2008 for continued improvement in its services.

Testimonials

At Metall Structures, we firmly believe that our work is our best testimonial. Copies of Work/Purchase Orders, Completion Certificates, etc. may be made available on request, if relevant.

Potential clients are welcome to visit our production facilities to gain a first-hand experience of our commitment to quality fabrication, and to assure themselves of Metall Structures' capacity to deliver products to required standards on schedule.

Products

- \\ Built-Up (Welded) Beams, Columns and Box-Columns
- \\ Built-Up (Welded) EOT Girders
- \\ Conventional SAW Tractor Mounted Welded Structures
- \\ Primary Structures for Pre Engineered Buildings
- \\ Roller Beds and Platforms for Various Mills
- \\ Fuel Station Canopies
- \\ Structures for Industrial Sheds, Warehouses, Showrooms, etc.
- \\ Ducts and Hoppers for ESP
- \\ General Structures, Beams for Power Plants.

Notable Clients

- \\ Bharat Heavy Electricals Limited
- \\ Jindal Steel & Power Limited
- \\ Tata Bluescope Steel Limited
- \\ GERB India
- \\ Jaso India
- \\ Bhilai Engineering Corporation



On-Line Beam Welding Facility

Built-up Beams, Columns, Girders at one go

Standard Facilities

215000	Square Feet Open Area
21712	Square Feet Covered Shed
160	kva Connected Load
160	kva Backup Power
1	Automatic Beam Welding Line
2	SAW Conventional Tractor Mounted Machines
10	Inverter based SMAW Machines
5	Inverter based CO ₂ MIG Machines
1	Bending Machine: Plate Thickness 25 mm Width 2500 mm
12	Grinders
1	Blasting Facility
10	Spray Painting Machines
1	Overhead Crane: 16 Tons
1	Mobile Hydra: 14 Tons
2	Flux and Electrode Baking Ovens
7	PUGs for Cutting
1	Pre Heating & Post Heating Burner
1	MPI Machine
+	Calibrated Tools, Gauges, Tackles, Drilling Jigs, etc

Maximum Beam Height
2000 mm (Inclusive of Flange Thickness)

Web
Height 200-2000 mm, Thickness 10-63 mm

Flange
Width 100-1250 mm, Thickness 10-80 mm

Max. Post-Deforming Thickness
28mm on 300 mm Width
40mm on 500 mm Width
50mm on 700 mm Width

Maximum Beam Weight
1.3 Tons/Metre

Minimum Beam Length
3500 mm

Maximum Beam Length
16000 mm

Hydraulic Cylinder Travel
2000 mm

Tack Welding
Continuous tack welding not required
Just the front edge to be tack-welded

Piston Working Pressure
6 Tons, Adjustable

Welding Process
DC TWIN-ARC, 2 x 2.4 mm Wire Diameter

Conical Beam
Difference in height between the two ends < 900 mm
Maximum Angle 20°

End Products
I-Beams
H-Beams
L-Beams
Wide Flange Beams
Non-Symmetrical Beams
Tapered Beams



Archive





METALL
shaping steel

METALL STRUCTURES PRIVATE LIMITED

Metall Structures Private Limited

an ISO 9001:2015 certified company

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