

COMPANY PROFILE · 2026

Fortune Engineering Works

Complete steel bridges – fabricated, delivered and erected anywhere in India – plus heavy structural steel, EOT cranes and power-sector structures.

- Complete Steel Bridges
- Bow String, Open Web & Composite Girders
- Trusses
- Foot Over Bridges
- EOT Cranes
- Transmission Towers & Substation Structures
- GI Earthing Strip / Flat
- PEB & Industrial Sheds
- Power / Oil / Cement Plant Structures

WORKS

Khasra No. 337, Panchli Khurd, Baghpat Road, near Vidya Knowledge Park, Meerut 250002

CORPORATE OFFICE

BS-114, Noida–Greater Noida Link Road, Sector 70, Noida, Delhi-NCR

CONTACT

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WHO WE ARE

Built for strength. Delivered with precision.

Fortune Engineering Works builds complete steel bridges for highway, railway and infrastructure projects – fabricated in our works, transported to site and erected anywhere in India. Each bridge comes with all its steel members: bow string, open web, composite and plate girders, trusses, cross girders, stringers and bracings. We also build foot over bridges, PEBs and heavy industrial structures. For the power sector we also offer EOT cranes, transmission towers, lattice and pipe type substation structures and GI earthing strip / flat.

Backed by skilled engineers, experienced fabricators and modern machinery, we manufacture, supply, erect and launch fabricated steel components that meet stringent quality and safety standards. Our approach combines technical expertise with practical site execution, enabling us to take on projects of varying scale and complexity with efficiency and reliability.

We presently have major steel bridge works in hand, including 2 × 60 m Bow String Girder spans, a 76 m Open Web Girder span and multiple Composite Girder spans. The works stands on a plot of over 30,000 sq m. Of this, 6,450 sq m is in use at present, with 3,358 sq m of covered fabrication shed — a 92 m × 20 m main bay served by EOT cranes, plus a side bay — and the rest is available for expansion as and when required. The works is equipped with CNC cutting and drilling, H-beam assembly and straightening lines, submerged-arc welding and a 20 T EOT crane in the main bay, with two 35 T EOT cranes being installed.

At a glance

~2,480 MT
Steel fabrication & erection work in hand

76 m
Longest single span under execution (Open Web Girder)

20 T
EOT cranes we build — double girder (single girder to 10 T), M3–M5

~40
People — engineers, fabricators, welders & fitters

3,358 m²
Covered fabrication shed on a 30,000+ m² plot

Our Vision

To become a leading name in heavy fabrication and structural engineering by delivering reliable, high-strength solutions for infrastructure and industrial growth.

Our Mission

To provide superior fabrication services through innovation, precision and commitment to excellence, while building long-term relationships with our clients.

PRODUCTS & SERVICES

Our capabilities

CORE BUSINESS

Complete Steel Bridges

Fabrication, transport and erection / launching of complete steel bridges – every girder, truss and steel member – for highway, railway and urban projects across India.

- Bow String Girders
- Open Web Girders
- Composite Girders
- Plate & Box Girders
- Trusses
- Cross Girders, Stringers & Bracings
- ROB / FOB Structures
- Foot Over Bridges

EOT Cranes

Single-girder EOT cranes up to 10 T and double-girder up to 20 T (duty class M3–M5) — designed, built, erected and commissioned.

Heavy Structural Components

Heavy built-up girders, beams and columns from our H-beam assembly, SAW welding and straightening line.

Pre-Engineered & Industrial Buildings

PEBs and industrial sheds — columns, trusses, rafters and crane gantries, supplied and erected.

Power, Oil & Cement Plant Structures

Boiler structures, ducts, platforms and support steel for power, oil and cement plants.

Towers & Substation Structures

Transmission line towers, and lattice and pipe type substation structures: gantries, beams, columns and equipment supports.

GI Earthing Strip / Flat

Galvanised iron earthing strips and flats for sub-stations, transmission lines and industrial earthing.

Custom Fabrication, Machining & Repair

Fabrication to client drawings, plus short-run machining, prototype and repair / maintenance work.

What we can build

Girder / web depth	**300 – 3,200 mm**
Flange width	**200 – 1,200 mm**
Flange thickness	**6 – 60 mm**
Web thickness	**6 – 40 mm**
Member length / piece	**4 – 12 m**
Longest span in hand	**76 m**
EOT cranes we build	**SG to 10 T · DG to 20 T**

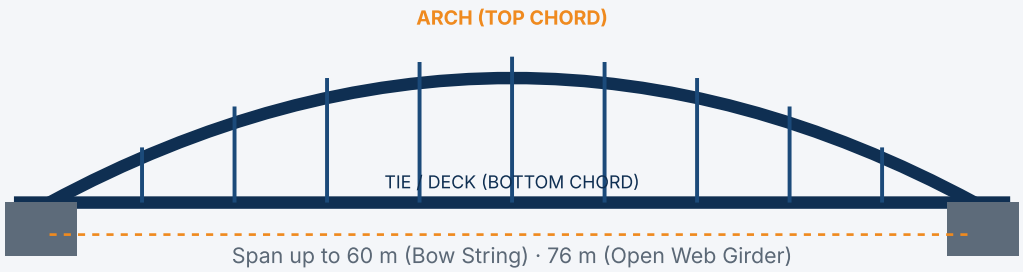
How we work with you

1. **Enquiry & quotation** — scope and drawings reviewed.
2. **Drawings & planning** — shop drawings, material.
3. **Fabrication** — cutting, drilling, fit-up, welding.
4. **Inspection** — stage-wise, client / third party.
5. **Dispatch** — match-marked and transported.
6. **Erection & launching** — at site, to handover.

CORE SPECIALISATION

Complete steel bridges – fabricated, delivered, erected

We build complete steel bridges, not just girders. Every bridge is fabricated and trial-assembled in our works, transported to site and erected or launched – anywhere in India – with ~2,480 MT of bridge steelwork currently under execution.



Typical Bow String Girder arrangement — arch top chord, vertical hangers and tied bottom chord

Bow String Girders

Tied-arch steel girders for long, clear spans over rivers and highways. Currently executing 2 × 60 m spans (~900 MT) on NH-730.

Open Web Girders

Truss-type through girders for heavy loads. A 76 m single-span OWG (~800 MT) is under execution on SH-76, Rajasthan.

Composite Girders

Steel plate girders acting with an RCC deck, in 18 m, 22 m, 24 m and 36 m spans — multiple units in hand across UP and Rajasthan.

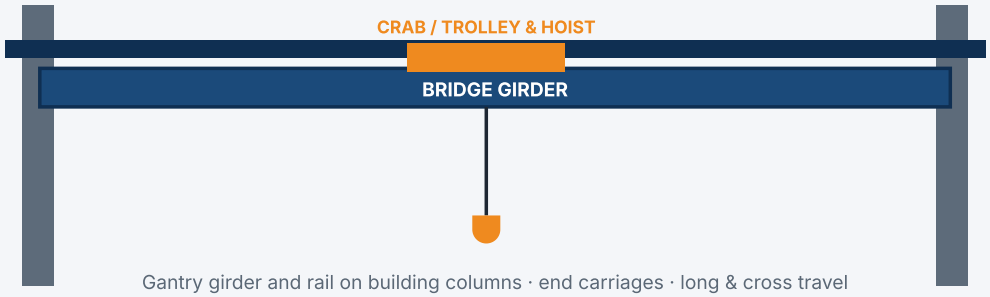
What we deliver

- Fabrication of every bridge member – girders, trusses, chords, hangers, cross girders, stringers & bracings
- CNC cutting & drilling for accurate splice and bolt-hole matching
- Submerged-arc welding of heavy built-up sections
- Stud welding for composite shear connectors
- Trial assembly and dimensional control before dispatch
- NDT (UT, DPT) by our ASNT Level II qualified staff; other methods through accredited agencies
- Transport to site, erection and launching
- Fabrication to IS 800 / IS 2062

MATERIAL HANDLING

Electric Overhead Travelling (EOT) Cranes

Our heavy-fabrication base — precision cutting, girder welding, straightening and machining — extends naturally into crane manufacturing. We design, fabricate, assemble and erect EOT cranes for industrial workshops, power substations and plant buildings.



Double-girder EOT crane — general arrangement

Scope of supply

- Single-girder EOT cranes up to 10 T and double-girder up to 20 T, duty class M3–M5
- Box-type crane girders, end carriages and crab structures
- Wire rope hoist, wheels and control panels of our own make; motors, brakes and gearboxes from reputed makers
- Runway beams, LT rails, ladders and shrouded bus-bar DSL
- Erection, load testing and commissioning at site

Engineering & quality

- Design in line with IS 3177 and IS 807
- Raw-material, in-process and final inspection at every stage
- Welding of girders on automatic SAW line for consistent quality
- Load test at SWL and 125% overload test on every crane
- Quality plan for every crane, approved by the customer where required
- In-house 20 T EOT crane, with 2 × 35 T being installed

CURRENT PROJECTS

Work in hand

We are currently executing several high-value infrastructure projects involving heavy steel fabrication and erection — approximately 2,480 MT in total across Uttar Pradesh and Rajasthan.

BOW STRING GIRDER

~900 MT

2 × 60 m Bow String Girder

Scope	Supply, fabrication & erection
Location	NH-730, Siddharthnagar (UP)
Project of	MoRTH, Govt. of India

COMPOSITE GIRDER

~700 MT

Composite Girders – NH-730

Scope	Supply, fabrication & erection of 2 × 18 m, 2 × 24 m and 2 × 36 m composite girders
Location	NH-730, Siddharthnagar (UP)
Project of	MoRTH, Govt. of India

OWG + COMPOSITE

~880 MT

76 m Open Web Girder & 22 m Composite Girder

Scope	Supply, fabrication & erection of 1 × 76 m OWG (~800 MT) and 1 × 22 m composite girder (~80 MT)
Location	SH-76, Rajasthan
Project of	PWD, Rajasthan

Execution highlights

- Handling of large-span bridge structures
- Expertise in heavy-tonnage fabrication
- Multi-location project execution
- Strong erection and site-coordination capability
- Adherence to engineering standards & safety protocols

INFRASTRUCTURE

Plant & machinery

Our works is equipped with a comprehensive range of modern machinery for heavy fabrication, bridge construction and industrial structural projects — enabling high precision, efficiency and large-scale production.

Core Fabrication Machinery	Qty
CNC Gantry Plasma & Flame Cutting	1
Automatic H-Beam Assembly	1
Hydraulic H-Beam Straightening	1
Chain-type Beam Rotator	1
Cantilever Beam SAW Welding	1
SAW Welding Machine	1
CNC Plate / Beam Drilling Machine	1
Stud Welding Machine	1

Welding & Cutting Equipment	Qty
MIG Welding Machines	4
Arc Welding Machines	4
PUG Cutting Machines	4
Gas Cutting Sets	5
Flux Baking Oven	1
Magnetic Drill	1

Forming & Processing PLANNED	Qty
Plate Rolling Machine	1
Plate Bending Machine	1

Material Handling & Lifting	Qty
EOT Crane – 20 T (installed)	1
EOT Cranes – 35 T BEING INSTALLED	2
Vertical Lifting Clamps – 10 MT	20
Lifting Magnets – 5 MT	2

Drilling, Grinding & Workshop Tools	Qty
Broach Cutter Machines	4
Tool Grinder	1
Grinders 7"	10
Grinders 5"	2
Grinders 4"	2

Facility & Utilities	
Total plot area	30,000+ m²
Area in use at present	6,450 m²
Covered fabrication shed	3,358 m²
Main crane bay, with side bay	92 m × 20 m
HT power – PVVNL; connected load 111 kW	315 kVA
HT VCB panel and main LT panel, with DG and solar provision	

H-Beam Line · 3 machines	
Assembly	Web 300–3,200 mm · flange 200–1,200 mm × 6–60 mm · beams 4–12 m
Straightening	Flange 200–1,200 mm × up to 60 mm thick
Beam rotator	20 t capacity · 360° beam turning

OUR COMMITMENT

Process, quality & safety

Quality policy

"We are committed to supplying fabricated steel structures that meet the drawings, specifications and delivery dates agreed with our customers, and to improving our quality of work continually."

- Build every job to the approved drawings and the customer's quality plan.
- Inspect at every stage, with records kept for each job.
- Keep machines, welding equipment and instruments maintained and checked.
- Train our people and review quality with the shop team at regular intervals.
- Act on every customer observation so it does not recur.

Safety policy

"We are committed to a safe working environment for every person in our works and at our sites. No job is so urgent that it cannot be done safely."

- Protective equipment is provided and compulsory in the shop and at site.
- Lifting only with rated cranes, clamps and slings, by trained operators.
- Safety briefings are held with the shop and site teams.
- Hazards are identified before work starts.
- Incidents and near misses are reported, reviewed and corrected.

Approved by the Management · October 2026

Raw material & MTC check → CNC cutting → Straightening → CNC drilling → Fit-up & assembly → SAW / MIG welding → Inspection & testing → Dispatch & erection

Incoming material

BIS-marked steel with mill test certificates; verification of grade, thickness and dimensions before issue to shop.

In-process control

Fit-up, welding and dimensional checks at each stage; automatic SAW and CNC processes for repeatable accuracy.

Final inspection

Trial assembly, dimensional verification and documentation before dispatch; client / third-party inspection welcomed.

Our strengths

- Strong fabrication capability for heavy structures
- Skilled workforce and experienced engineering team
- Commitment to quality and safety standards
- Timely project execution
- Advanced fabrication tools and machinery
- Ability to handle large-scale and complex projects

Industries we serve

- Railways — bridge girders, ROB / FOB structures
- Highways & Infrastructure — NHAI, state roads, bridges
- Power & Energy — transmission towers, lattice and pipe type substation structures, GI earthing strip, power plants
- Industrial Manufacturing — sheds, plant structures, cranes
- Oil & Cement plants
- Government & Private projects

THE COMPANY

Team & credentials

Fortune Engineering Works is a registered MSME manufacturer with all statutory registrations in place.

Statutory registrations

Registration	Number / Details
GST Registration (GSTIN)	**09AALFF1366R1ZO** · Regular · valid from 02/03/2026
PAN	**AALFF1366R**
Importer-Exporter Code (IEC) – DGFT	**AALFF1366R** · issued 07/04/2026
Udyam Registration (MSME)	**UDYAM-UP-56-0171261** · Micro, Manufacturing · NIC 25112 (bridges, trusses & structural frameworks)
Electrical Safety NOC	**27VSNOC03020796** · dated 03/08/2026 · 315 kVA
Works	Khasra No. 337, Panchli Khurd, Baghpat Road, near Vidya Knowledge Park, Meerut 250002
Corporate Office	BS-114, Noida–Greater Noida Link Road, Sector 70, Noida, Delhi-NCR

Our team

Leadership & management

The company is led by a mechanical engineer with an MBA and over 10 years of experience, including production engineering overseas. Day-to-day management is handled by a core team of five engineering graduates.

Technical strength

A team of about 40 people, with technically qualified and skilled staff in each function. Industry veterans are engaged as consultants, and our key technical staff have over 12 years of experience in steel fabrication.

Finance

Finance and financial management are overseen by a senior professional trained in chartered accountancy.

Senior guidance

Senior advisers with decades of industry experience guide operations.

Business development

We are participating in procurement tenders of public sector undertakings, including BHEL.



LET'S BUILD TOGETHER

Fortune Engineering Works

Steel Bridges · Bow String & Open Web Girders · Composite Girders · FOBs · PEBs · EOT Cranes

For structural steel and bridge fabrication requirements, get in touch — we supply across India and would be pleased to host your team at our works in Delhi-NCR.

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