



Heavy Steel



Infrastructure



Bridge & Structural
Erection



Specialized Engineering

ENGINEERED FOR CHALLENGING INFRASTRUCTURE

From complex steelwork to critical site execution —
we deliver with precision, control and accountability.



Established: 2014



Head Office:
Jamnagar, Gujarat, India

01 | WHO WE ARE

BOLTORQ INFRACON PRIVATE LIMITED is an engineering and project-execution company delivering specialized solutions for infrastructure, industrial and heavy engineering projects.

BOLTORQ has evolved from its foundation in precision bolting and industrial engineering into a broader execution partner capable of supporting complex steel and infrastructure works.

Our strength lies in combining engineering understanding, heavy structural fabrication, assembly and erection expertise, specialized tooling, precision bolting, in-situ machining and disciplined site execution.

We understand that challenging projects are not won by manpower alone. They require planning, engineering discipline, specialized equipment, safety and controlled execution.



OUR EXECUTION PHILOSOPHY

***“Find the execution challenge.
Engineer the solution. Execute it safely.”***

• CORE CAPABILITIES •



Heavy structural
steel fabrication



Industrial and
PEB structures



Bridge and
structural erection



Precision bolting
and tensioning



Canopy and
arch structures



In-situ machining and
specialized site services

02 | OUR CORE CAPABILITIES



HEAVY STEEL & STRUCTURAL FABRICATION

Fabrication and assembly of structural steel components for infrastructure and industrial applications.

- Heavy structural steel fabrication
- Bridge components and girders
- Steel assemblies and complex site assemblies
- Canopy structures
- PEB and industrial structures
- Pipe racks and supporting structures
- Equipment-support structures
- Modification and strengthening works



STRUCTURAL FABRICATION



PEB & INDUSTRIAL STRUCTURES



BRIDGE & STEEL ERECTION

Specialized erection and assembly support for major steel infrastructure, with emphasis on difficult site conditions, alignment and critical connections.

- Railway bridge erection
- Road bridge structures
- Steel girder erection
- Open-web girder assembly
- Launching assistance
- Heavy lifting and positioning
- Site assembly and alignment
- Bolting and controlled tightening
- Erection sequencing and execution



BRIDGE ERECTION



HEAVY LIFTING & LAUNCHING



**BUILT STRONG.
ERECTED STRONGER.**

End-to-end capability from fabrication to erection with precision, safety and control.

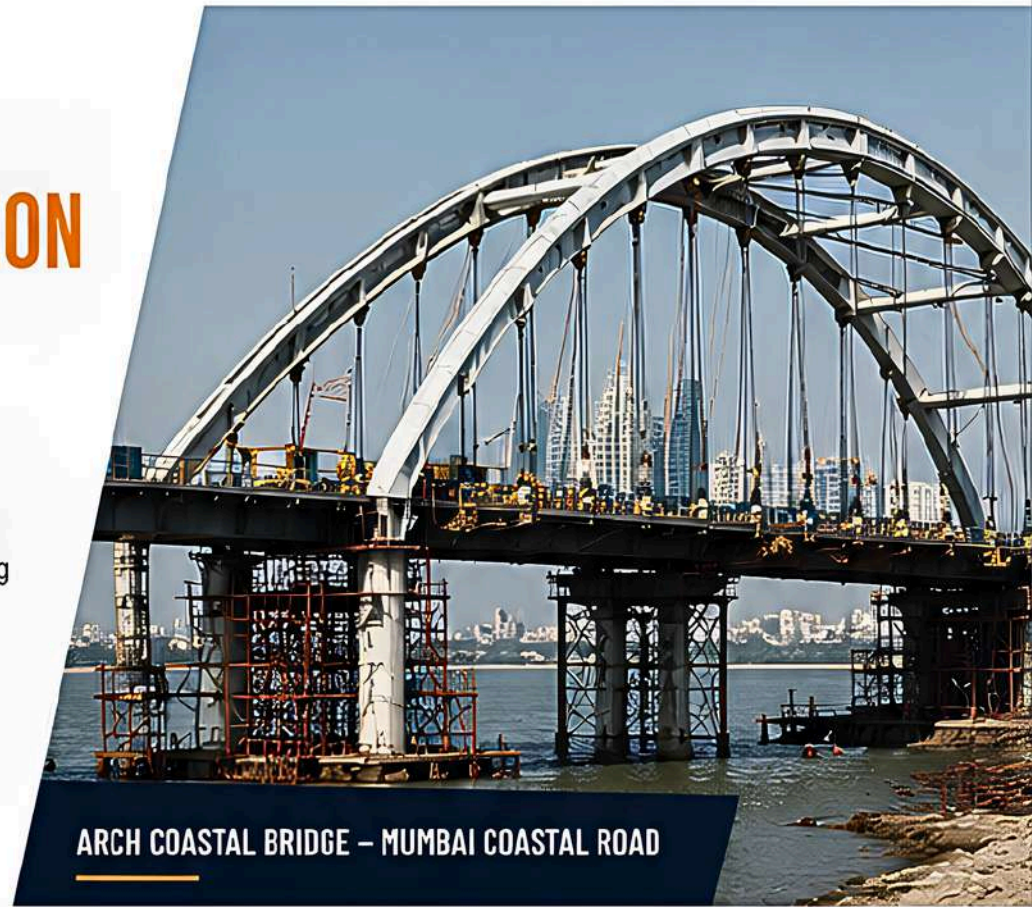
03 | SPECIALIZED INFRASTRUCTURE EXECUTION



CANOPY & ARCH STRUCTURES

BOLTORQ supports technically demanding canopy and arch steelwork through a controlled sequence covering fabrication, assembly, trial fit-up, transportation, erection, alignment, bolting and final inspection.

Mumbai Coastal Road / Arch Coastal Bridge is a key reference for demonstrating capability in complex urban infrastructure execution.



ARCH COASTAL BRIDGE – MUMBAI COASTAL ROAD



CHALLENGING SITE EXECUTION

We specialize in situations where conventional execution methods are not sufficient.

- ✓ Restricted working areas
- ✓ Heavy and large steel components
- ✓ High-level erection
- ✓ Complex access conditions
- ✓ Tight execution schedules
- ✓ Live infrastructure environments
- ✓ Precision alignment requirements
- ✓ Heavy bolted connections
- ✓ Specialized site machining
- ✓ Remote or complex project locations



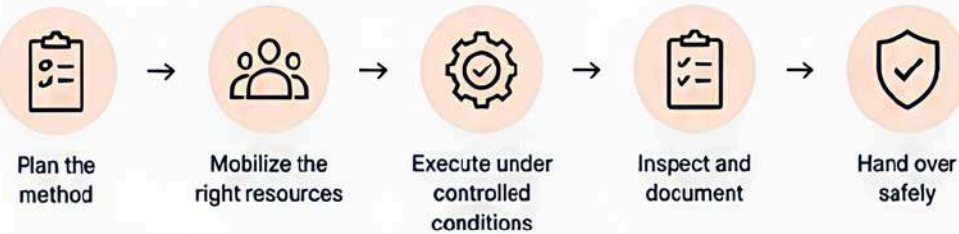
HEAVY STEEL ERECTION IN RESTRICTED ACCESS



PRECISION BOLTING & ALIGNMENT



OUR APPROACH



**COMPLEX CHALLENGES.
CONTROLLED EXECUTION.**

Safety. Precision.
Accountability.



SPECIALIZED SITE MACHINING

04 | PRECISION ENGINEERING & SPECIALIZED SERVICES



CONTROLLED BOLTING & TORQUING

- Hydraulic torque wrench services
- Electric torque wrench services
- Pneumatic torquing
- Controlled bolt tightening
- Hydraulic bolt tensioning
- Critical structural connections
- Torque-controlled assembly
- Joint integrity support



ELECTRIC TORQUE WRENCH

High performance torquing with precision and control.



IN-SITU MACHINING

- Line boring
- Online boring
- Pipe cold cutting
- Pipe beveling
- Auto-bore welding
- On-site precision machining



HYDRAULIC TORQUE WRENCH

Reliable, durable and ideal for critical bolted connections.



IN-SITU MACHINING TOOLS

Precision machining on-site to ensure accuracy and reduce downtime.



WHY THESE SERVICES MATTER

Specialized site services can reduce dismantling, transportation and downtime while improving control over critical construction and maintenance activities.



IMPROVED SAFETY
Ensures joint integrity and structural reliability.



REDUCED DOWNTIME
Less dismantling and faster execution.



HIGH PRECISION
Accurate machining and controlled tightening.



COST EFFICIENCY
Optimized methods reduce overall cost and delays.

INTEGRATED EXECUTION



FABRICATION

+



ASSEMBLY

+



ERECTION

+



BOLTING

+



SPECIALIZED
SITE SERVICES

05

WHY BOLTORQ

MORE THAN A FABRICATION CONTRACTOR

01



EXECUTION EXPERIENCE

Experience across demanding infrastructure and industrial environments.

02



SPECIALIZED EQUIPMENT

Specialized torqueing, tensioning, machining and erection equipment.

03



ENGINEERING APPROACH

We analyse the execution problem before deciding the execution method.

04



INTEGRATED CAPABILITY

Fabrication + Assembly + Erection + Bolting + Specialized Site Services.

05



RESPONSIVENESS

Ability to mobilize specialized teams and equipment according to project requirements.

06



CHALLENGE-READY

Particularly suited to technically complex packages requiring disciplined execution.



OUR PROMISE

A technically capable, responsive and accountable execution partner for challenging steel and infrastructure packages.

06 | SELECTED PROJECT EXPERIENCE

A visual project portfolio should accompany this page in the final marketing edition. The following references are recommended as the lead project stories.



MUMBAI COASTAL ROAD / ARCH STRUCTURE

Canopy / arch structure assembly and erection in a demanding urban infrastructure environment.



DIMAPUR — N.F. RAILWAY PROJECT

Open-web girder assembly, erection and launching-related execution.



MG SETU — PATNA

Bridge and infrastructure steel execution reference.



SITE BRIDGE PROJECTS

Steel structural erection and associated site execution.



PEB / INDUSTRIAL STRUCTURES

Fabrication and erection for industrial and structural applications.



INTEGRATED EXECUTION



+



+



+



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07 | OUR TARGET PARTNERS

BOLTORQ is positioned to support organizations that require reliable steel fabrication, erection and specialized site execution capacity.



■ EPC Contractors



■ Infrastructure Developers



■ Railway Contractors



■ Metro Contractors



■ Bridge Contractors



■ Highway Contractors



■ Industrial EPC Companies



■ Structural Steel Contractors



■ PEB Companies



■ Oil & Gas / Power / Heavy Engineering Companies



| WE CAN SUPPORT YOU WITH

Complete Packages

Fabrication → Assembly → Transportation → Erection → Bolting → Specialized Site Services



| Specialized Packages

Fabrication | Erection | Bridge Assembly | Canopy Erection | Controlled Bolting |
Tensioning | Line Boring | Cold Cutting & Beveling



| PARTNERSHIP APPROACH

We are open to direct packages, subcontracting opportunities, overflow fabrication capacity, specialized erection packages and project-specific execution partnerships.

08

LET'S BUILD TOGETHER

LOOKING FORWARD TO SUPPORTING YOUR NEXT PROJECT

“

"Give us the challenging package.
We'll engineer the execution and deliver it with control."

”

BOLTORQ INFRACON PRIVATE LIMITED



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**ENGINEERED FOR
CHALLENGING INFRASTRUCTURE**