



BAJAJ STEEL INDUSTRIES LIMITED



Established 1961

AN ISO 9001 : 2015, 14001 : 2015 & 45001 : 2018 CERTIFIED COMPANY

A MULTI-PRODUCT
ENGINEERING COMPANY



BAJAJ PRE ENGINEERED STEEL BUILDINGS

BAJAJ - ONE STOP SOLUTION FOR PRE ENGINEERED
STEEL BUILDINGS, CIVIL WORKS AND K-HOUSES



Where Quality meets Commitment
Bajaj Infra EPC (A Division of Bajaj Steel Industries Limited)

 www.bajajpeb.com
www.bajajnpg.com

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About Bajaj Steel Industries Limited (BSIL)

Bajaj Steel Industries Ltd. (BSIL), Nagpur is a Public Limited Company established in 1961 and listed on BSE. With over 5 decades of experience, BSIL has a world class engineering facility with diversified sectoral presence. BSIL is a pioneer and the largest manufacturer of Cotton Ginning and Pressing machinery in India in technical collaboration with Central Institute for Research on Cotton Technology, ICAR, Government of India along with Delinting and Decorticating machines.

BSIL is an ISO – 9001:2015, 14001:2015 and OHSAS 45001:2018 certified and a recipient of the “Star Export House” certificate from the Ministry of Commerce and Industries, Government of India.

BSIL has footprint in over 18 different product categories across Asia, Africa, North America and Australia.

About Bajaj Infrastructure Division (BID)

Bajaj Infrastructure Division (BID) was established in 2010 as part of BSIL and has executed more than 1000 steel structures.

TIME is the most critical aspect of any project. BID is committed to the highest degree of service, ensuring timely delivery of buildings with strength, speed and safety always.

BID is spread over an area of 31000 sq m with extensive facility for Designing and Detailing using the most advanced software like MBS, STAAD Pro, TEKLA MultiPoint AutoCAD etc., machining using a large number of CNC machines in a multi-floor setup, fabrication, erection and commissioning to provide safe, cost efficient and technologically advanced, buildings to meet and exceed customer expectations.

All building designs are earthquake and wind load compliant while the Deflection Limits on the building are confirming to the IS (Indian) or to AISC (American) Standards Code.

STAGES OF WORK FOR BSIL - PEB STRUCTURE



Civil work in progress



Skeleton Structure Erection



Sheeting work in progress



Completed PEB Structure

Why PEB ?

- **Easy Installation** – Less time – Less Labour – Since most of the building is manufactured off-site, time and labour required is less
- **Superior Quality** – Structure is designed and manufactured in a manufacturing setup considering various factors like wind, earth-quake and various other loading patterns.
- **Hassle Free Construction** – Manufacturing is in plant – Only erection at site.
- **Cost effective** – Not only cost effective but most of the structure is re-usable



RAJESH N. MODI

Vice President -
Bajaj Infra (EPC) Division

Our Products:

- Warehouse Sheds
- Industrial Sheds
- Multi Floor Structures
- School buildings
- Cold Storages
- Data-centres
- Hospital
- Pharmaceutical Industry Sheds
- Food Product Industry shed
- Chemical Industry sheds
- Cotton Ginning Sheds,
- Indoor Stadiums
- Metro Stations
- Special purpose sheds
- EPC Projects
- Export Projects

Client List (INDIA)

- NFC HYDERABAD (EPC PROJECT)
- Indian Oil Corporation Ltd. (EPC PROJECT)
- MSWC, Pune (EPC PROJECT)
- Siddhayu Life Sciences, Pandhurna
- Logistic Hub by BSIL at Lava Nagpur
- Arora Spares Plaza, Lava (G+3 w/h)
- Spacewood
- Drytech
- Sunflag
- Seva Automotive

Client List (ABROAD)

- Apollo International (Malawi)
- Grafax Cotton (Zambia)
- Angelique International (Zambia)
- Infra International (Mali)
- Genda Wuha (Ethiopia)
- Secopa - Burkina (Burkina Faso)
- Maquinaria Mexico

Message from the Vice President –

BAJAJ INFRA (EPC), a Division of Bajaj Steel Industries Ltd.

At BAJAJ INFRA (EPC) Division, we are committed to delivering innovative and sustainable solutions that meet and exceed customer expectations. As we look towards the future, we are excited to share our vision for the continued advancement of our products and services.

1. **Enhanced Product Offerings:** We are constantly evolving our product offerings to cater to different segments of the industry and other evolving needs of our clients along with greater durability, efficiency, and aesthetic appeal.

2. **Value Additions:** We have started executing EPC Projects where-in we have delivered the civil works on turnkey basis with the peripheral infrastructure and PEB structures including our group product offerings like Electrical Panels, Active Fire-Fighting Solutions, Industrial, Commercial and Fire-rated Steel Doors, Specialised Conveyors, Solar Panels and HVAC systems.

3. **Technological Advancements:** We are investing in a big way in state-of-the-art manufacturing processes and advanced design tools to ensure the highest quality standards and faster project turnaround times.

4. **Sustainability Initiatives:** As stewards of the environment, we are dedicated to minimizing our carbon footprint and promoting sustainable practices throughout our operations. Our products reflect our commitment to eco-friendly products and energy-efficient design solutions.

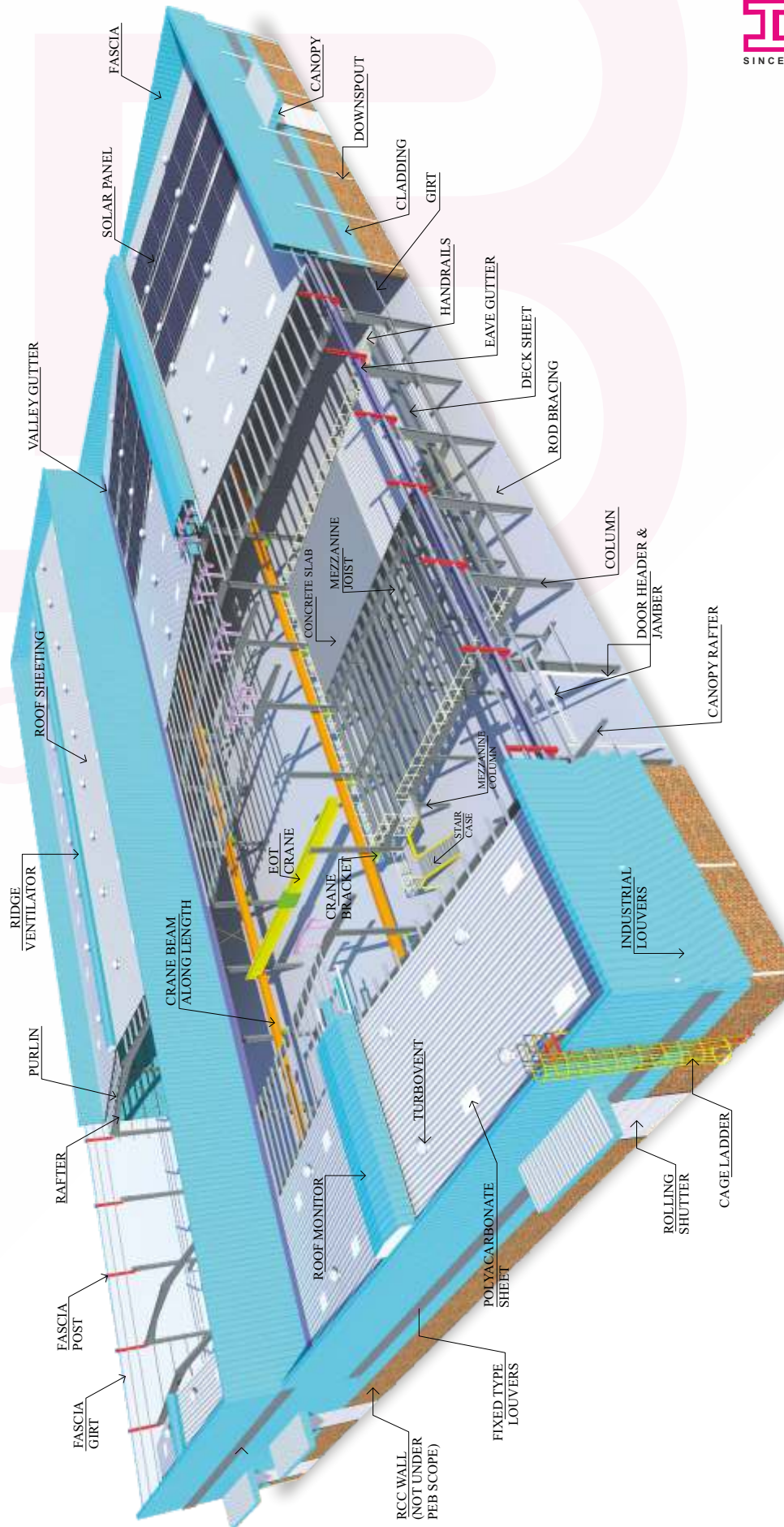
5. **Streamlined Customer Experience:** Customer satisfaction is our top priority. We endeavour to get things First Time Right. We are implementing streamlined processes from procurement to erection for customer service excellence to ensure a seamless experience from project inception to completion.

The past was a year filled with significant achievements and milestones, largely due to the dedication of our team effort and customer satisfaction. Despite the challenges posed by external factors, our collective resilience and determination allowed us to overcome obstacles and deliver results that surpassed expectations.

Looking ahead, we are excited about the opportunities that lie ahead. As we embark on new projects and initiatives, we remain committed to upholding the highest standards of quality, safety, and integrity.

We recognize that our success is intricately linked to customers. Whether a longstanding client or a new partner, we are here to listen, collaborate, and tailor solutions that meet each and every need.

PEB Nomenclature





Manufacturing Facilities

Machine

Multi Torch CNC Plasma Cutting M/c

Specification

20m Bed with "X" & "Y" axis traverse control



Machine

Energy Mission Make NC Shearing Machine

Specification

130T, Cutting Length of 7m and max cutting thickness upto 16mm

Machine

Ermak Make CNC Press Brake M/c

Specification

600T, 6m between column with "X" & "Y" axis control



Machine

Primo Make CNC H-Beam Welding Machine

Specification

Simultaneous 2 side continuous and stitch type welding with CNC controls

Metal Working

Special Purpose Machines for Finishing and Cleaning Operations

Specification

Use of Special Purpose Machines, Tools and Jigs and Fixtures for Special Operations





Manufacturing Facilities

Machine
Shot Blasting

Specification
Metal Shot blasting for surface preparation before Painting of all primary structures

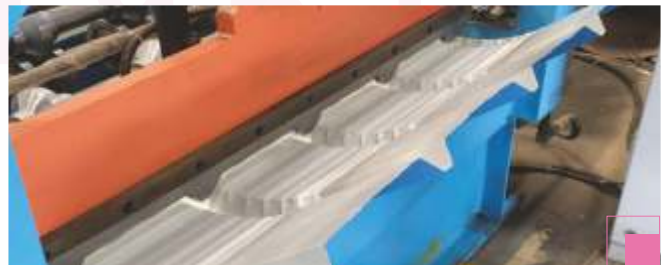


Machine
"Cee" & "Zee" Profile Purlin Forming Machine

Specification
CNC Controlled "Cee" and "Zee" Purlin Cold Forming Machine with Punching and slotting facility in a single setup.

Machine
Sheet Crimping Machine

Specification
Sheet Crimping machine to provide uniform curved profile over canopies.



Machine
Sheet Forming Machine

Specification
CNC Controlled Roof and Wall Sheet Cold Forming Machine with Shearing facility.

Machine
CNC Gas cutting machine

Specification
16m bed with "X" and "Y" Axis control, suitable to cut upto 32mm material



Process



Manufacturing Facilities



Process
Fabrication

Specification

Use of Jigs, Fixtures, portable SAW
Welding units and SPM's



Process

Painting Thickness

Specification

All painted structures are thoroughly checked for the paint thickness using digital DFT meters.

Process
Linear Inspection

Specification

All components and individual members are inspected for Linear Dimensional accuracies and ensure conformance to specifications.

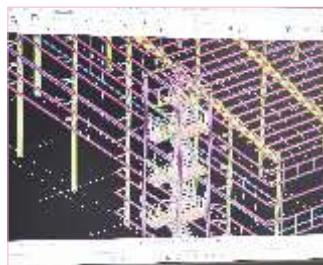


Design & Detailing

Process
Designing

Specification

All Structures are designed using MBS 2021 and STAAD Pro software for optimum weight of structure as per Indian or American Design Codes



Process
Detailing

Specification

Every Structure is detailed for every member of the structure using softwares like Multi-Point Auto CAD and TEKLA for exact dimensioning, weight and fabrication details.



Completed Projects

PROJECT

Logistic Warehouse

LOCATION

Kalameshwar, Nagpur

YEAR OF COMPLETION

2023

SPECIAL FEATURE

150,000 Sq. Ft. Warehouse with 12 m. clear height & continues ridge-vent & insulation



PROJECT

Metro Station

LOCATION

Bansi Nagar, Nagpur

YEAR OF COMPLETION

2020

SPECIAL FEATURE

Structure at a height of 15m from FFL and structure clear height of 4.2m with Butterfly roof with solar panel load.



PROJECT

Warehouse

LOCATION

Lava, Nagpur

YEAR OF COMPLETION

2019

SPECIAL FEATURE

Multi Span -2 warehouse of 50m span, with mezzanine floor.



PROJECT

Commercial Complex

LOCATION

Nagpur

YEAR OF COMPLETION

2023

SPECIAL FEATURE

Complete Civil work with PEB structure for 2 basement floor and G+6 structure.





Completed Projects

PROJECT

Multi- Floor Ware House Shed

LOCATION

Lava, Nagpur

YEAR OF COMPLETION

2021

SPECIAL FEATURE

Super Stockist of Hero MotoCorp Spares for Vidarbha region. Structure is a G+3 asymmetrical structure with Mono Slope roof.



PROJECT

Bottling Plant

LOCATION

Vinchur Nashik

YEAR OF COMPLETION

2020

SPECIAL FEATURE

Wine Bottling unit with segregated halls, mezzanine floor and extensive landfilling. Project on an incline.



PROJECT

Indoor Stadium

LOCATION

Deoli, Wardha

YEAR OF COMPLETION

2016

SPECIAL FEATURE

Clear Span Structure of 62m, with complete civil structure.



PROJECT

Food Industry Warehouse

LOCATION

Pandurna

YEAR OF COMPLETION

2021

SPECIAL FEATURE

Warehouse for export oriented Food Industry with enclosed liner sheeting and mezzanine floor.





Completed Projects

PROJECT
Industrial Shed

LOCATION
Nashik

YEAR OF COMPLETION
2021

SPECIAL FEATURE
Industrial Shed for Aluminum industry exposed to large scale corrosion. Structure provided with Aluminum Sheeting on roof and wall.



PROJECT
Turnkey Project

LOCATION
Nuclear Fuel Complex, Hyderabad

YEAR OF COMPLETION
2022

SPECIAL FEATURE
40m clear span structure with 4 cranes, walk way, with extension and linking with existing shed. Project with complete civil work, infrastructure, Fire Fighting and PEB Structure

PROJECT
APMC Warehouse

LOCATION
Bhusawal

YEAR OF COMPLETION
2019

SPECIAL FEATURE
Complete civil infrastructure along with Ware-house for storage of food grains and other agricultural produce.



PROJECT
Industrial Shed

LOCATION
Shendra, SEZ, Aurangabad.

YEAR OF COMPLETION
2022

SPECIAL FEATURE
Nearly 40,000 Sq. Ft. Industrial Shed with EOT crane in each bay running sidewall to sidewall for electrical panel manufacturing.



Completed Projects

PROJECT
Industrial Shed

LOCATION
Butibori, Nagpur

YEAR OF COMPLETION
2023

SPECIAL FEATURE
Industrial Shed for Heavy Fabrication products with 4 Nos. 50 MT overhead cranes.



PROJECT
Industrial Shed

LOCATION
Butibori, Nagpur

YEAR OF COMPLETION
2023

SPECIAL FEATURE
High bay & low bay variable height structure for manufacture of machine components.



PROJECT
Warehouse

LOCATION
Nagpur

YEAR OF COMPLETION
2019

SPECIAL FEATURE
60,000 Sq. Ft. warehouse structure with internal partitions for multiple clients.



PROJECT
Industrial Shed

LOCATION
Kelwad Nagpur

YEAR OF COMPLETION
2018

SPECIAL FEATURE
Dolomite crushing shed on an area of 32000 sq ft. Shed has a 5m canopy.





Completed Projects

PROJECT

Cotton Ginning Plant

LOCATION

Jashapur, Butibori

YEAR OF COMPLETION

2020

SPECIAL FEATURE

53m Multi Span Dual Height structure



PROJECT

Furniture Manufacturing Unit

LOCATION

Hingna Nagpur

YEAR OF COMPLETION

2021

SPECIAL FEATURE

3 Multi Span 1 Sheds with Mezzanine Floor covering over Total 1.5Lakh Sq Ft



PROJECT

Export Oriented Pharma Unit with Complete civil work

LOCATION

Chhindwara

YEAR OF COMPLETION

2023

SPECIAL FEATURE

Export Oriented Ayurvedic Pharma Unit of 43,000 Sq. Ft. with asymmetrical multi span and 2 mezzanine floors of about 29000 Sq. Ft.



PROJECT

Lube tank farm on Turnkey basis

LOCATION

Chennai

YEAR OF COMPLETION

On going... expected completion by March 2024

SPECIAL FEATURE

Complete civil works along with design and erection of Lube tank farm with approval from IIT / NIT





Completed Projects

PROJECT

Logistics Hub

LOCATION

Lava, Nagpur

YEAR OF COMPLETION

2023

SPECIAL FEATURE

A complete Logistics Hub developed by Bajaj over 600,000 sq ft for storage of industrial, packaged food and electronics products.



PROJECT

Cotton Ginning shed

LOCATION

Near Nagpur

YEAR OF COMPLETION

2018

SPECIAL FEATURE

Multispan 1 structure with 2 additional shed spread over a total area of 78500 sq ft. Structure has BSIL installed roof top solar panels.



PROJECT

Packaged food products manufacturing unit

LOCATION

Drug, MP

YEAR OF COMPLETION

2023

SPECIAL FEATURE

Spread over 75000 sq ft, unit manufactures potato chips and other snacks.



PROJECT

Automotive showroom

LOCATION

Nagpur

YEAR OF COMPLETION

2023

SPECIAL FEATURE

Automotive showroom and associated service center spread over 23000 sq ft





View of
BAJAJ HEAD OFFICE
complex



BAJAJ Pre Engineered Steel Buildings & K-houses



APPLICATIONS

- Industrial Buildings
- Warehouses
- Power Plant
- Structures
- Storage Buildings
- Highrise Buildings
- Parking Lots
- K Houses

Mr. Rajesh Modi : +91 93702 24505

BAJAJ Duct System



Mr. Parag Wanjari : +91 7758875833
Mr. Sanjay Ladole : +91 8956005391

BAJAJ Steel Doors (Fire, Hospital, Commercial & Domestic Application)



Mr. Prabhat Sahu : +91 94224 71552

BAJAJ Electrical Panels



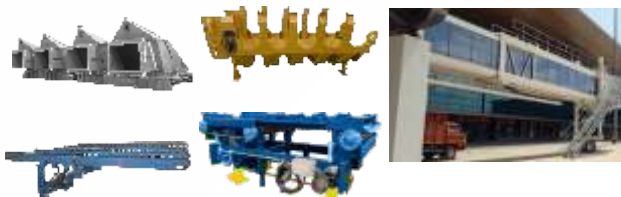
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BAJAJ Office Furnitures



Mr. Prabhat Sahu : +91 94224 71552

BAJAJ Heavy Equipment Division



Mr. Ajay Choudhari : +91 9850303967

BAJAJ Ginning and Pressing

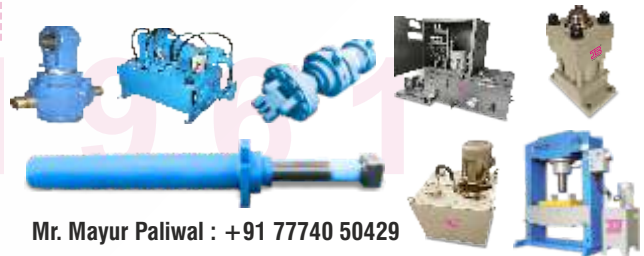


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BAJAJ Hydraulics Powerpacks & Cylinders



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BAJAJ Fire Fighting Systems



Mr. Roshan Palwe : +91 7391083944

BAJAJ Speciality Conveyor



Subhendu Basu : +91 9830171053

BAJAJ Industrial Fans and Impellers



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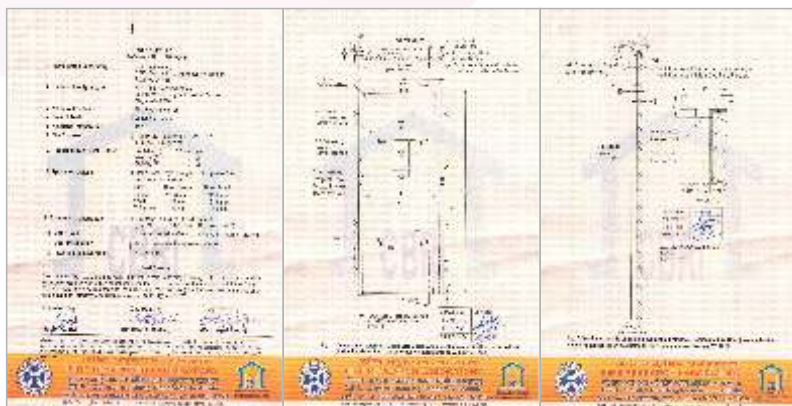
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Bajaj Steel Buildings " World Class Innovative Building Solutions "

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ADVANTAGES

- Seismic Complaint
- Designed to Indian / American Codes
- Complete in-house manufacturing
- Cost Competitive
- Single Stop Solution for Faster Deliveries
- Low Maintenance
- Aesthetics of International Standards
- Consistent and Superior Quality

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