

Established 1961



BAJAJ STEEL INDUSTRIES LIMITED

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



Pre-Engineered Steel Buildings



'Technical Collaborators – CIRCOT ICAR Govt. of India,
Continental Eagle Corporation USA and Samuel Jackson Inc., USA'

"Serving the Cotton Ginning Industry Since 1961"

Where Quality meets Commitment



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

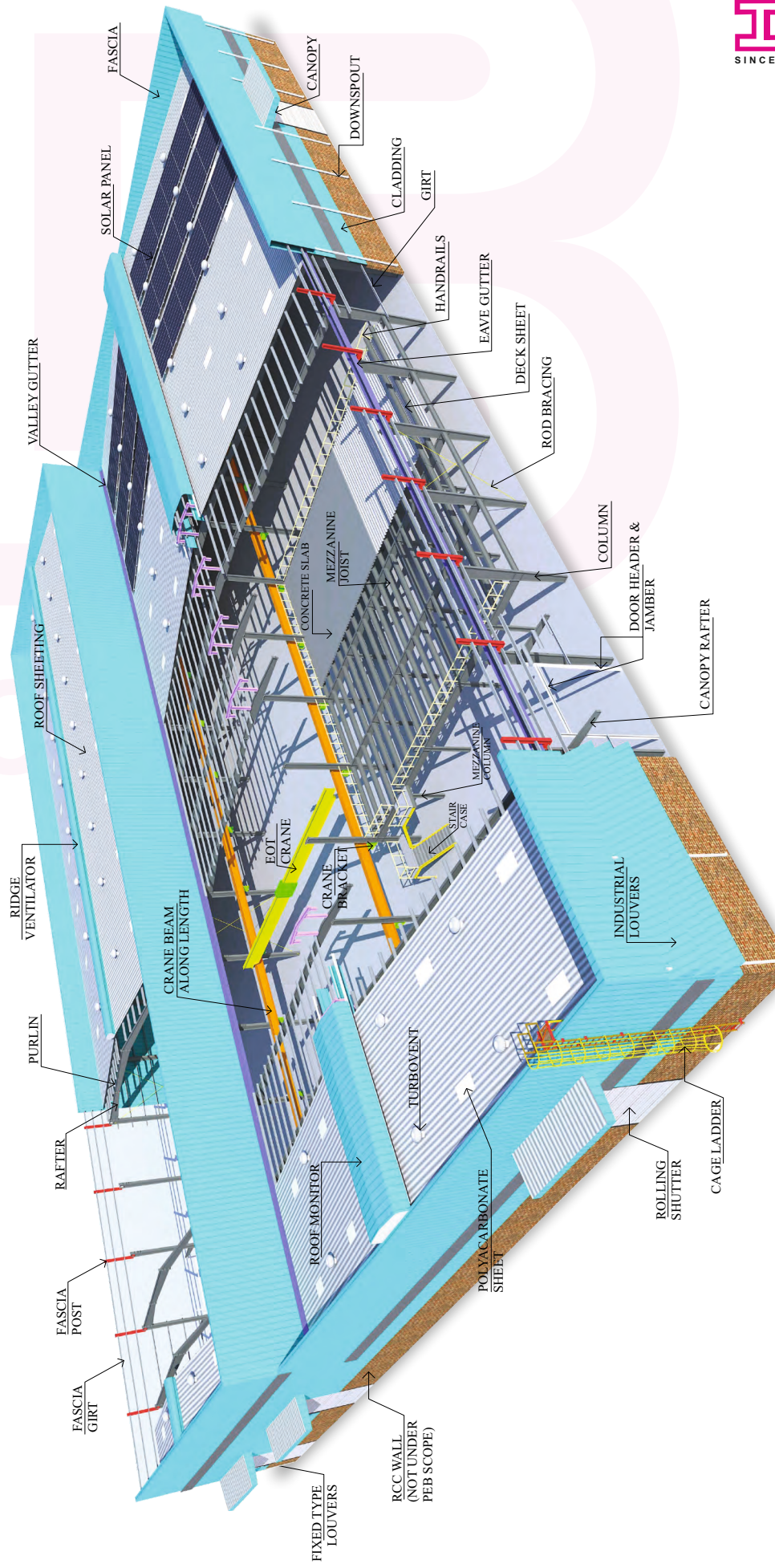


Completed PEB Structure

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

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 and Painting

Specification

Metal Shot blasting for surface preparation for Painting with DTM / Epoxy / Enamel Paint.



Machine

"Cee" & "Zee" Profile Purlin Forming Machine

Specification

CNC Controlled "Cee" and "Zee" Purlin Cold Forming Machine with Punching and slotting facility.



Machine

Sheet Crimping and Down-spout Forming M/c

Specification

Sheet Crimping machine to provide uniform curved profile over canopies. Down Spout Forming machine with grooves for added strength crimping for sealing



Machine

Sheet Forming Machine

Specification

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



Fabrication

SPM, Jigs and Fixtures

Specification

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



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



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.



Specification

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



Specification

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

Specification

All products are measured for the conformance to specifications and recorded in an inspection sheet

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Completed Projects

PROJECT

Industrial Shed

LOCATION

ButiBori, Nagpur

YEAR OF COMPLETION

2016

SPECIAL FEATURE

Wire drawing industry with pickling plant. Plant is in "L" Shape. Structure with Roof monitor and Industrial Louvers.



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

Civil Building

LOCATION

Nagpur

YEAR OF COMPLETION

2022

SPECIAL FEATURE

Complete Civil work with PEB structure on G-2 to G+5 in progress.



Completed Projects

PROJECT

Mult- 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
Civil and PEB Structure

LOCATION
Taloja

YEAR OF COMPLETION
2021

SPECIAL FEATURE
40m clear span structure with mezzanine floor. Project with complete civil work, infrastructure 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
Buti Bori, Nagpur

YEAR OF COMPLETION
2022

SPECIAL FEATURE
Complete Civil work with RCC Structure with PEB structure on G-2 in progress.



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 Cotton Ginning

LOCATION

Uganda

YEAR OF COMPLETION

2017

SPECIAL FEATURE

Cotton Ginning project with PEB for Export



PROJECT

Pre Fabricated House (K-House)

TYPES

1 BHK, 2BHK, Dormitory, Security Cabin etc.

STRUCTURE

Light Steel Structure and sandwich panels for wall and roof.

USES

Housing, School Building, Refuge Camp, Site Office, Staff Quarters & many more



OUR VALUED CUSTOMERS

- Indian Oil Corporation Ltd.
- Dept. Of Atomic Energy - Nuclear Fuel Complex
- Maharashtra State Warehousing Corporation
- Hindalco Ltd.
- Tata Projects Ltd.
- GMMCO Ltd.
- Drytech Processes (I) Pvt. Ltd.
- Vandana Distilleries Pvt. Ltd.
- CTR Manufacturing Industries
- LCG Aluminum Industries Pvt. Ltd.
- Baliram Steels Pvt. Ltd.
- Spacewood Furnishers Pvt. Ltd.
- Arora Spares Plaza
- Triveni Wires Pvt. Ltd.
- Tanishi Warehouses
- Eros Group

Bajaj Steel Buildings " World Class Innovative Building Solutions "

PRODUCT APPLICATIONS

- Industrial Buildings
- Ware Houses
- Ginning Plant Sheds
- Highrise Buildings
- Parking Lots
- Power Plant Structures
- Hangers
- Pre Fabricated Houses (K-Houses)

ADVANTAGES

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

Bajaj Steel Industries Ltd., Head Office @ C-108



Bajaj Steel Industries Ltd., InfraStructure Division



Follow us on :



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