

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

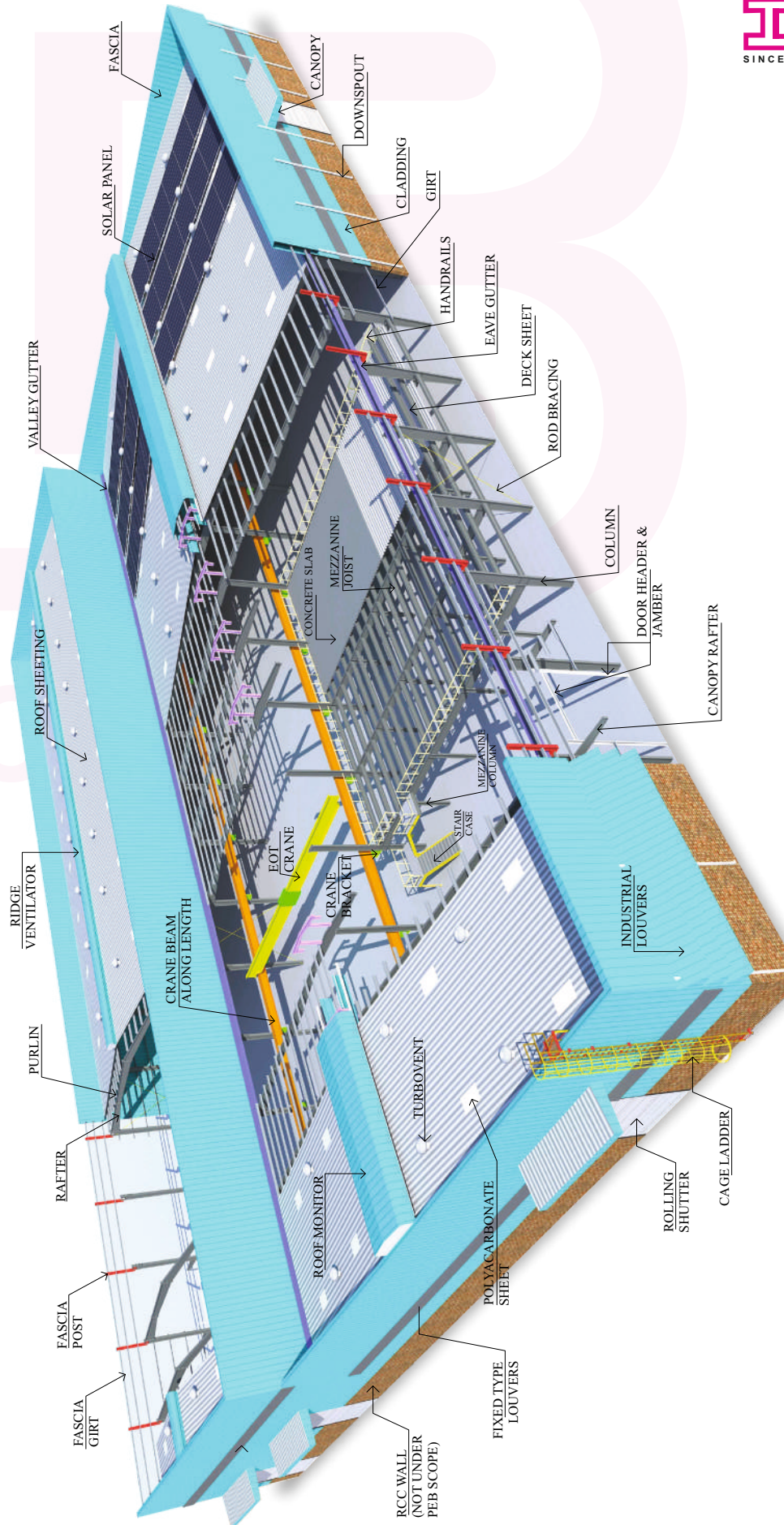


Completed PEB Structure

## 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





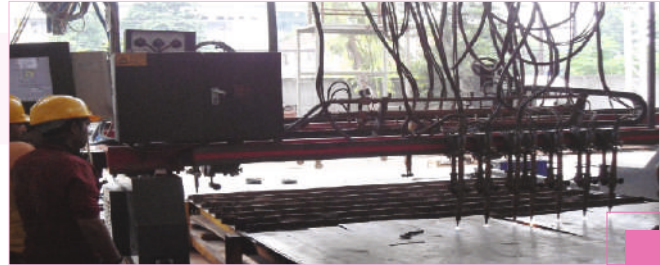
## Manufacturing Facilities

### 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





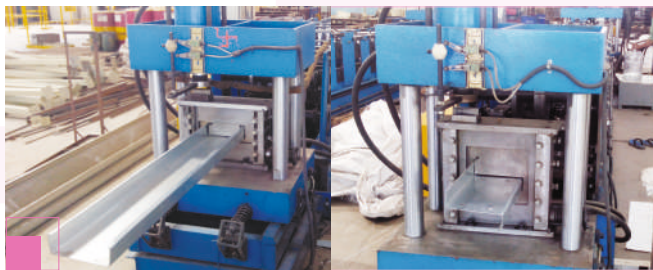
## Manufacturing Facilities

### 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 groves 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



## 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.



## Process

## Specification

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



## Process

### Painting Thickness

## Specification

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

## Process Inspection Records

## 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

Commercial Complex

### LOCATION

Nagpur

### YEAR OF COMPLETION

2022

### SPECIAL FEATURE

Complete Civil work with PEB structure for 2 basement floor and G+5 structure in progress.





## 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**  
Taloja

**YEAR OF COMPLETION**  
2021

**SPECIAL FEATURE**  
40m clear span structure with mezzanine floor. Project with complete civil work, infrastructure, Fire Fighting, Material Handling 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



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