



# 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](http://www.bajajpeb.com)  
[www.bajajngp.com](http://www.bajajngp.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.

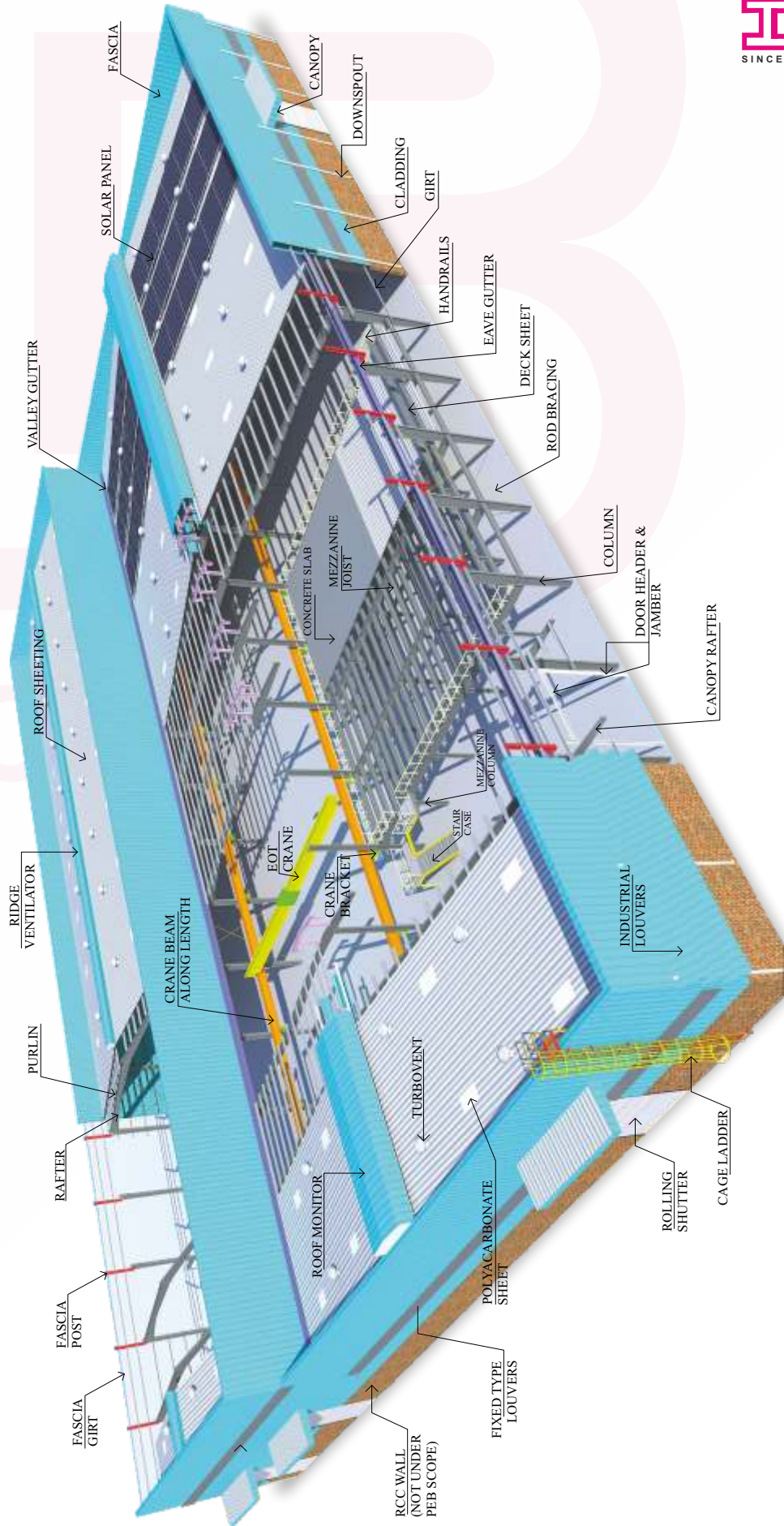
The past was a year filled with significant achievements and milestones, largely due to the dedication of our team effort and customer satisfaction. Despite the challenges posed by external factors, our collective resilience and determination allowed us to overcome obstacles and deliver results that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



## **B** 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





## IB Manufacturing Facilities

**Machine**  
Shot Blasting

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

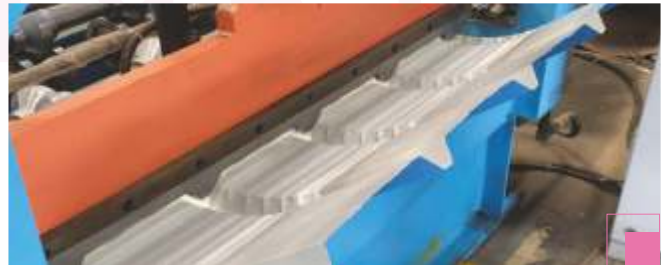


**Machine**  
"Cee" & "Zee" Profile Purlin Forming Machine

**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







## IB Manufacturing Facilities

### Fabrication

SPM, Jigs and Fixtures

### 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.



## IB 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.



## IB 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.



## IB 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**  
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.



## IB 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.

## IB 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

## IB 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**

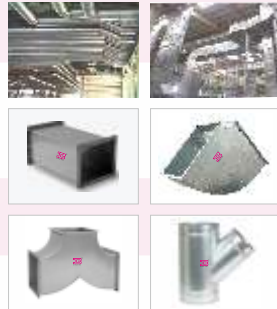


**APPLICATIONS**

- 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**



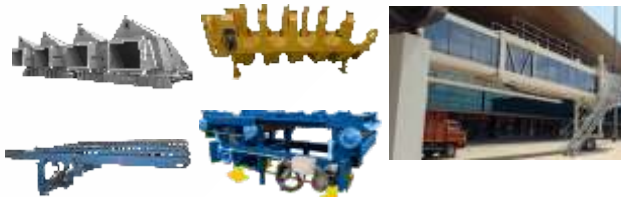
Mr. Deepesh Srivastava : +91 9960082540

**BAJAJ Office Furnitures**



Mr. Prabhat Sahu : +91 94224 71552

**BAJAJ Heavy Equipment Division**



Mr. Ajay Choudhari : +91 9850303967

**BAJAJ Ginning and Pressing**



Saw Gin    Rotobar Gin

Down Packing Press 9500

Up Packing Press 9300

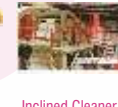
Mote Press



176 Delinter



Impact Cleaner



Inclined Cleaner



Centrifugal Lint Cleaner



Vertical Flow Drier



24-D lint Cleaner



Super III Stick Machine

Mr. Sourabh A. Bafna  
M: +91 9503032899



Single Roller Gin

Double Roller Gin

Cotton Dispensing System

Pre Cleaner

Screw Conveyor

Bucket Elevator

Cotton Seed Dryer

Mr. Lalit Kalantri  
M: +91 9325132311  
M: +91 7507005544

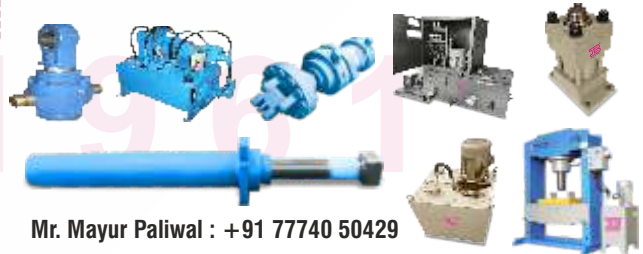
Lint Cleaner

Humidification System

Battery Condenser

Auto Indexing Ginning Roll Groover

**BAJAJ Hydraulics Powerpacks & Cylinders**



Mr. Mayur Paliwal : +91 77740 50429

**BAJAJ Fire Fighting Systems**



Fire Extinguishers    Fire Hydrant Pumps

Fire Alarm and Detection Systems

Mr. Roshan Palwe : +91 7391083944

**BAJAJ Speciality Conveyor**



Assembly Conveyor

Z Elevator

Truck Loader

Telescopic Truck Loader

Subhendu Basu : +91 9830171053

**BAJAJ Industrial Fans and Impellers**



BELT DRIVEN

DIRECT DRIVEN

PEDESTAL WHEEL

FORWARD CURVED

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



**BAJAJ STEEL INDUSTRIES LIMITED**

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