

# BESTALL – SHARP GROUP

## COMPANY PRESENTATION

An orange arrow pointing to the right, containing the word "Welding" in white text.

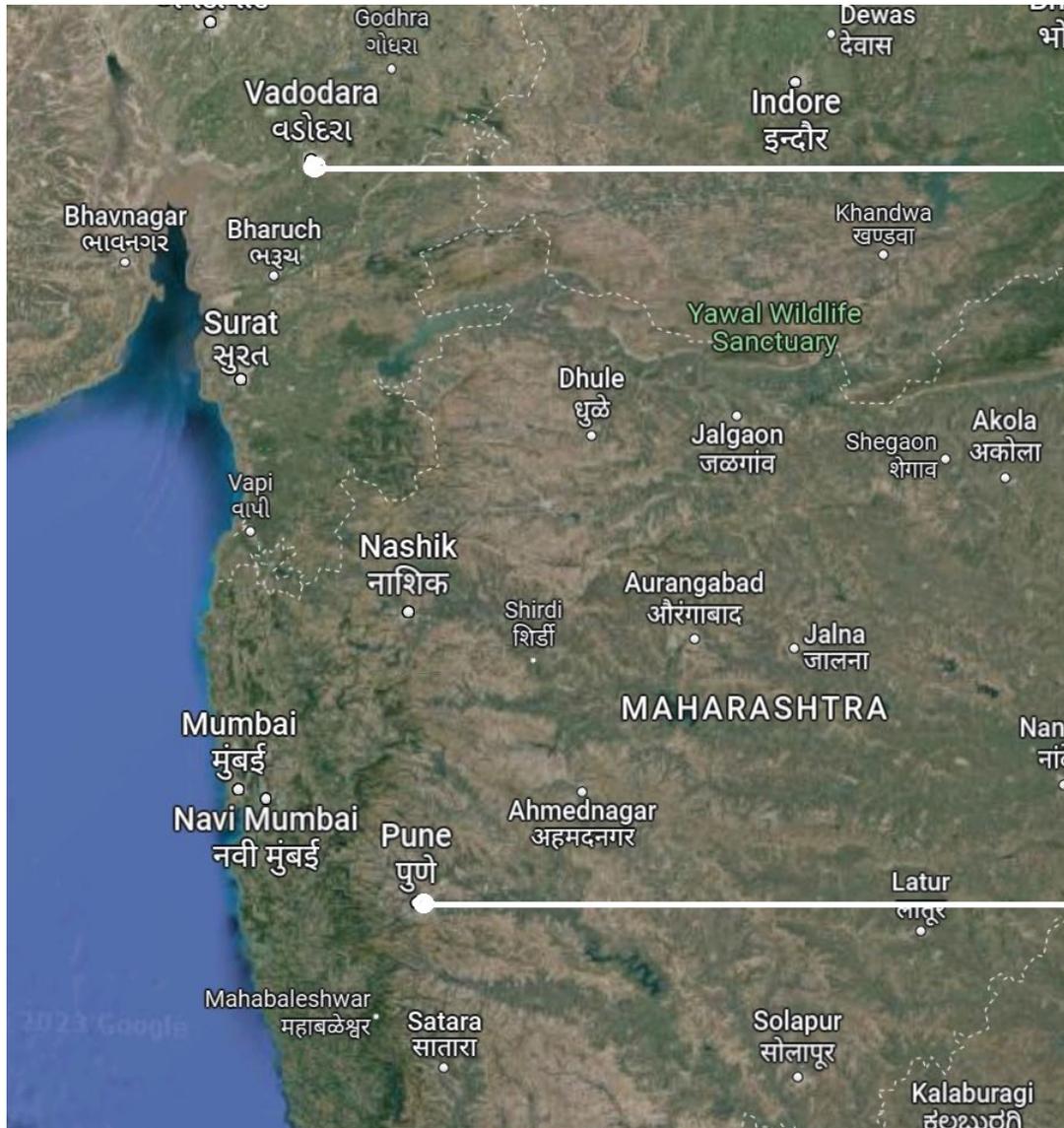
Welding

A blue arrow pointing to the right, containing the text "CNC Machining" in white text.

CNC Machining

A green arrow pointing to the right, containing the word "Assembly" in white text.

Assembly

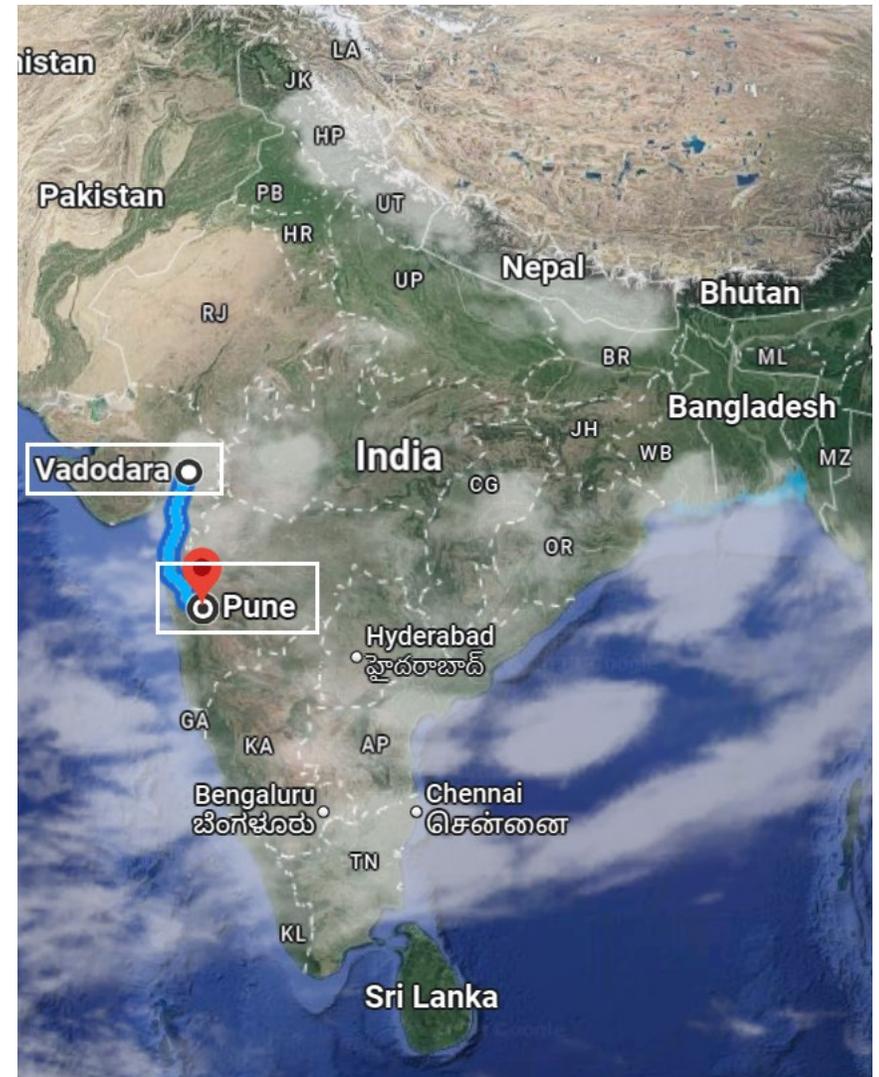


**Bestall Machining & Fabrication Pvt. Ltd.**  
**Unit - I**  
**Savli - Vadodara**

**Bestall Machining & Fabrication Pvt. Ltd.**  
**Unit - II**  
**Savli - Vadodara**

**Sharp Engineering Services**  
**Unit - I**  
**Talawade - Pune**

**Sharp Engineering Services**  
**Unit - II**  
**Chinchwad - Pune**



Location on the map of India.

## Bestall Machining & Fabrication Pvt. Ltd. Unit – I (Savli – Vadodara) Gujarat - India



**Nearest Seaport (Preferred) for connectivity**

Mumbai (BPT/JNPT) : 560 Kms

**Second Optional Port**

Mundra : 460 Kms

**Nearest Airport (Domestic)**

Vadodara (BDQ) : 20 Kms

**Nearest Airport (International)**

Ahmedabad (AHM) : 108 Kms

**Optional International Airport (Preferred) for connectivity**

Mumbai : 420 Kms

**Nearest Railway Station**

Vadodara (BRC) : 24 Kms

## Bestall Machining & Fabrication Pvt. Ltd. Unit – II (Savli – Vadodara) Gujarat - India



**\*\* The distance between Unit-I & Unit-II is 900m**

### **Nearest Seaport (Preferred) for connectivity**

Mumbai (BPT/JNPT) : 560 Kms

### **Second Optional Port**

Mundra : 460 Kms

### **Nearest Airport (Domestic)**

Vadodara (BDQ) : 20 Kms

### **Nearest Airport (International)**

Ahmedabad (AHM) : 108 Kms

### **Optional International Airport (Preferred) for connectivity**

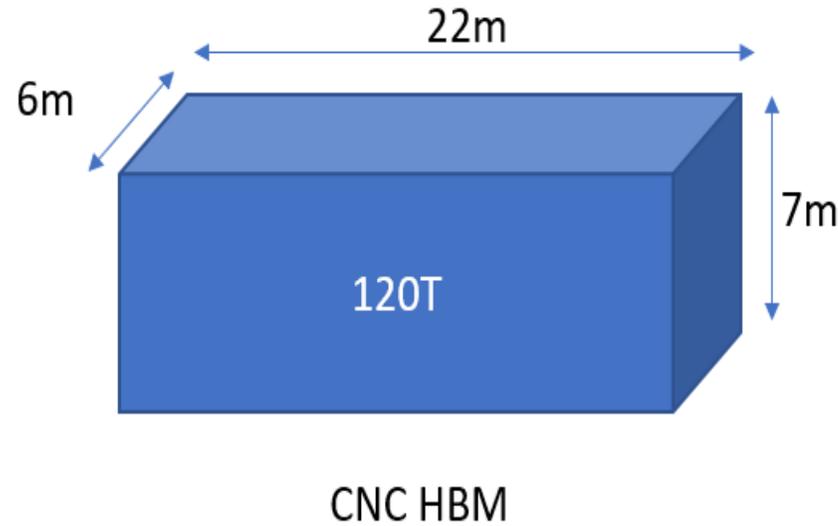
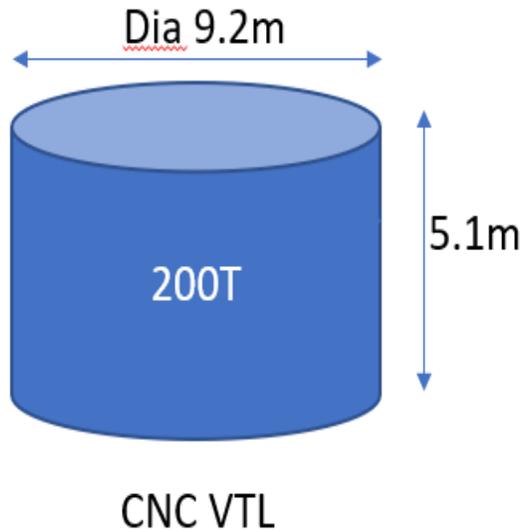
Mumbai : 420 Kms

### **Nearest Railway Station**

Vadodara (BRC) : 24 Kms

## Major highlights of Bestall Machining & Fabrication Pvt. Ltd. (Unit-I & II combined)

### Max component Sizes (welded & machined)



*Note : The max size of component that can be fabricated is 40x 10m x 10m with max single piece weight of 200 tons.*

## Machining facilities at Bestall Machining & Fabrication Pvt. Ltd. (Unit-I & II combined)



**CNC Horizontal Boring Machine**  
X – 22m  
Y – 7m  
Z – 2m , W – 1m  
Indexing Table – 4.5m x 4.5m  
Weight Capacity – 120 tons  
Universal Head  
Facing & Turning Head



**CNC Vertical Lathe (VTL)**  
Table Dia – 7.6m  
Max Swing – 9.2m  
Max Working Height – 5.1m  
Tool Travel – 3.5m  
Weight Capacity – 250 tons  
Grinding Attachment



**CNC Horizontal Lathe**  
Chuck Dia – 2.1m  
Max Swing – 3m  
Max turning Length – 12.25m  
Weight Capacity – 110 tons  
Grinding Attachment  
Various Stead Rests

## Machining facilities at Bestall Machining & Fabrication Pvt. Ltd. (Unit-I & II combined)



**CNC HORIZONTAL BORING MACHINE (5-AXIS)**  
**MAKE – WMW Romania**  
**X- 12.5M , Y- 5M**  
**Z (RAM) – 1.2M , W- 1M**  
**INDEXING TABLE- 2.5M X 2.5M**  
**WEIGHT CAPACITY – 40 TONS**  
**CNC FACING HEAD,**  
**CONTINUOUS MILLING HEAD**  
**RIGHT ANGLE HEAD ,**  
**UNIVERSAL MILLING HEAD**



**CNC VERTICAL TURNING & MILLING MACHINE WITH LIVE SPINDLE & C-AXIS**

**Make : Toshiba – Japan**

**Model : TD60/85 CNC**

**Table Dia : 6000mm , Max Swing : 8500mm , Max Working Height : 4000mm , Max Load : 150 tons**

**Indexing Positions : 0.001° (Infinite) , Table Speeds : 0.2 – 32 rpm**

**Spindle Power : 37 KW , Ram Stroke : 2000mm (Milling Ram) / 2300mm (Turning Ram)**

**Accessories : Grinding Attachment, Angle Head**

**Universal Head & U-Tronic head**

## Machining facilities at Bestall Machining & Fabrication Pvt. Ltd. (Unit-I & II combined)



**CNC HORIZONTAL BORING MACHINE (5-AXIS)  
MAKE – Mitsubishi Heavy Industries - Japan  
X- 19M , Y- 5M  
Z (RAM) – 1.25M , W- 1M  
INDEXING TABLE- 4.5M X 4M  
WEIGHT CAPACITY – 100 TONS , Table Travel – 3M  
CNC FACING HEAD, RIGHT ANGLE HEAD ,  
UNIVERSAL MILLING HEAD**

## Fabrication facilities at Bestall Machining & Fabrication Pvt. Ltd.

### Unit - I

<b>Fabrication Beds :</b>	<b>12m x 12m – 2 Nos 9m x 6m – 1 Nos</b>
<b>MIG Welding Machines :</b>	<b>850A – 8 Nos 600 A – 21 Nos</b>
<b>SAW Welding Machines :</b>	<b>1250A – 3 Nos</b>
<b>TIG Welding Machines :</b>	<b>400A – 6 Nos</b>
<b>Crane Capacity :</b>	<b>125t x 65t + 30t</b>
<b>PWHT Furnace :</b>	<b>12m x 10m x 7m</b>
<b>Hydraulic Press :</b>	<b>1000t</b>
<b>CNC Oxyfuel Cutting :</b>	<b>2.5m x 8m x 300mm</b>

### Unit - II

<b>Fabrication Beds :</b>	<b>12m x 12m – 2 Nos 9m x 6m – 1 Nos</b>
<b>MIG Welding Machines :</b>	<b>850A – 8 Nos 600 A – 21 Nos</b>
<b>SAW Welding Machines :</b>	<b>1250A – 9 Nos</b>
<b>TIG Welding Machines :</b>	<b>400A – 6 Nos</b>
<b>Crane Capacity :</b>	<b>200t x 100t + 30t</b>
<b>PWHT Furnace :</b>	<b>12m x 10m x 7m</b>
<b>Hydraulic Press :</b>	<b>1000t</b>
<b>CNC Oxyfuel Cutting :</b>	<b>2.5m x 12m x 300mm</b>

## Sharp Engineering Services Unit – I (Talawade – Pune) Maharashtra - India



**Nearest Seaport (Preferred) for connectivity**

Mumbai (BPT/JNPT) : 120 Kms

**Second Optional Port**

Mumbai Port (BPT) : 142 Kms

**Nearest Airport (Domestic)**

Pune (PNQ) : 17 Kms

**Nearest Airport (International)**

Mumbai (BOM) : 140 Kms

**Nearest Railway Station**

Pune (PUN) : 18 Kms

## Sharp Engineering Services Unit – II (Bestall Engineering Works) (Chinchwad – Pune) Maharashtra - India



**Nearest Seaport (Preferred) for connectivity**

Mumbai (BPT/JNPT) : 124 Kms

**Second Optional Port**

Mumbai Port (BPT) : 146 Kms

**Nearest Airport (Domestic)**

Pune (PNQ) : 16 Kms

**Nearest Airport (International)**

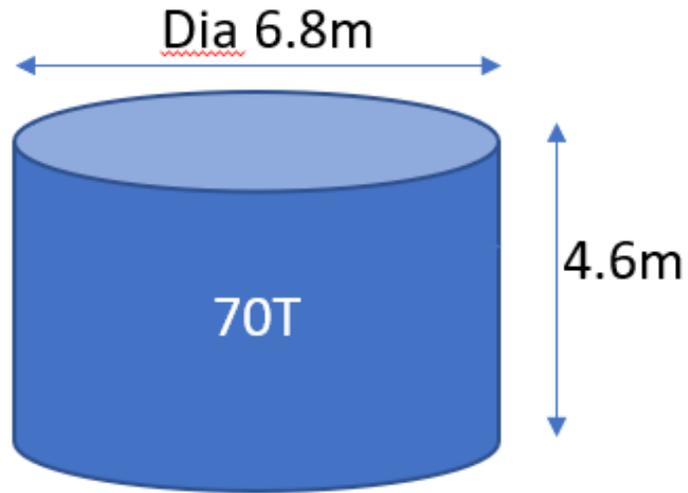
Mumbai (BOM) : 145 Kms

**Nearest Railway Station**

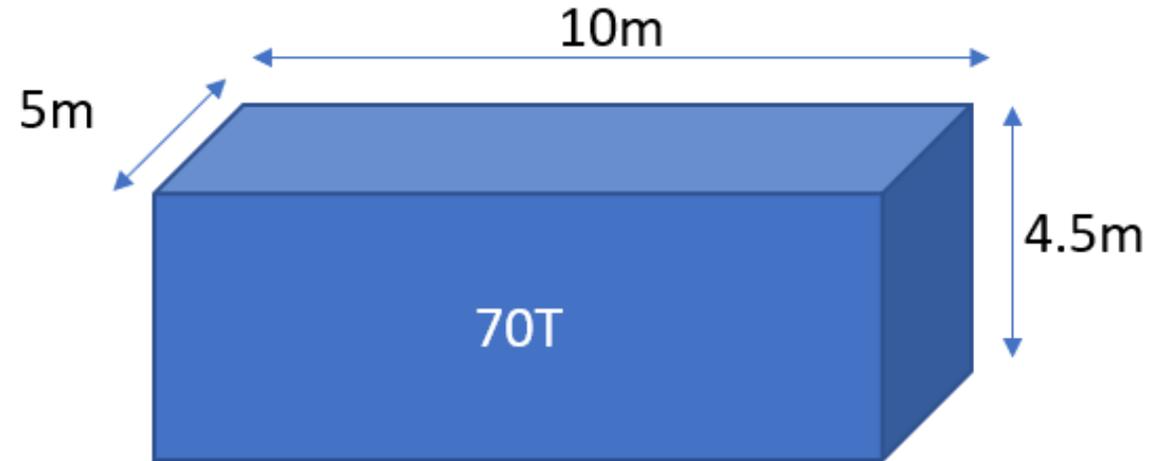
Pune (PUN) : 16 Kms

## Major highlights of Sharp Engineering Services. (Unit-I & II combined)

### Max component Sizes (welded & machined)



CNC VTL



CNC HBM

*Note : The max size of component that can be fabricated is 20 x 9m x 9m with max single piece weight of 70 tons.*

## Machining facilities at Sharp Engineering Services. (Unit-I & II combined)



**CNC Horizontal Boring Machine-1**  
X – 10m  
Y – 4.5m  
Z – 1.5m , W – 0.7m  
Indexing Table – 2.5m x 3m  
Weight Capacity – 35 tons  
Universal Head  
Facing & Turning Head



**CNC Horizontal Boring Machine-2**  
X – 10m  
Y – 4m  
Z – 1.2m , W – 0.8m  
Indexing Table – 3.5m x 3m  
Weight Capacity – 70 tons  
Universal Head  
Facing & Turning Head



**CNC Horizontal Boring Machine-3**  
X – 4m  
Y – 3m  
Z – 1.5m , W – 0.7m  
Indexing Table – 2.5m x 3m  
Weight Capacity – 25 tons  
Universal Head  
Facing & Turning Head

## Machining facilities at Sharp Engineering Services. (Unit-I & II combined)



**CNC Vertical Lathe (VTL)-1**  
Table Dia – 6.3m  
Max Swing – 6.9m  
Max Working Height – 3.7m  
Tool Travel – 2.5m  
Weight Capacity – 100 tons  
Grinding Attachment



**CNC Vertical Lathe (VTL)-2**  
Table Dia – 4.6m  
Max Swing – 5.2m  
Max Working Height – 4.7m  
Tool Travel – 2.5m  
Weight Capacity – 70 tons  
Grinding Attachment



**CNC Vertical Machining Center**  
X – 2.5m  
Y – 1.7m  
Z – 1.2m  
Max Height – 1.5m  
Weight Capacity – 15 tons  
Universal Head  
Facing & Turning Head

## Fabrication facilities at Sharp Engineering Services.

### Unit - I

<b>Fabrication Beds :</b>	<b>12m x 12m – 2 Nos 9m x 5m – 1 Nos</b>
<b>MIG Welding Machines :</b>	<b>850A – 5 Nos 600 A – 24 Nos</b>
<b>SAW Welding Machines :</b>	<b>1250A – 3 Nos</b>
<b>TIG Welding Machines :</b>	<b>400A – 4 Nos</b>
<b>Crane Capacity :</b>	<b>70t x 35t + 30t</b>
<b>PWHT Furnace :</b>	<b>12m x 10m x 7m</b>
<b>CNC Oxyfuel Cutting :</b>	<b>2.5m x 8m x 300mm</b>

### Unit - II

<b>Fabrication Beds :</b>	<b>9m x 5m – 2 Nos</b>
<b>MIG Welding Machines :</b>	<b>600A – 12 Nos</b>
<b>SAW Welding Machines :</b>	<b>1250A – 1 Nos</b>
<b>TIG Welding Machines :</b>	<b>400A – 6 Nos</b>
<b>Crane Capacity :</b>	<b>25t x 10t + 10t</b>
<b>CNC Oxyfuel Cutting :</b>	<b>2.5m x 8m x 300mm</b>

## Industries Served

### Steam & Gas Turbines

- HP , LP , IP Casings
- Exhaust Casings
- Base Frames
- Bearing Pedestals & Deflectors
- Diaphragms & Blade carriers
- Casted steam turbine casings
- Turbine & Generator shafts

### Customers



## Industries Served

### Hydro Turbines

- Head Covers & Bottom rings
- Discharge casings & blades
- Hubs & Stay rings
- Thrust brackets
- Stator Frames
- Valve Bodies & Discs
- Turbine & Generator shafts

### Customers



GE Renewable Energy



## Industries Served

### Aerospace

- Launch Vehicle Rings
- Transition Cones
- Crew Module Hardware
- Regulator Segments
- Domes
- ISO Panels & Flex plates

### Customers



## Industries Served

### Defence

- ICBM missile tilt beams & launchers
- Missile cassettes & frames
- Modular bridges
- Helicopter landing grids
- Naval components
- UVLM launchers

### Customers



**Mazagon Dock Shipbuilders Limited**  
(Formerly known as: Mazagon Dock Limited)  
CIN : U35100MH1934GOI002079  
(Ministry of Defence, A Govt. of India Undertaking)  
**SHIP BUILDER TO THE NATION**



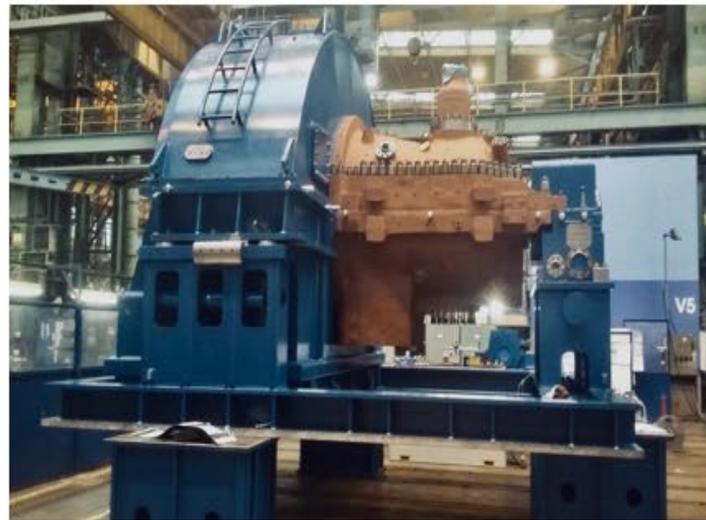
## Industries Served

### General Engineering

- Components for earth moving equipment.
- Components for machine tools & presses.
- Parts of paper machines
- Centrifugal decanter frames.
- Defence components.
- Gear components.

### Customers





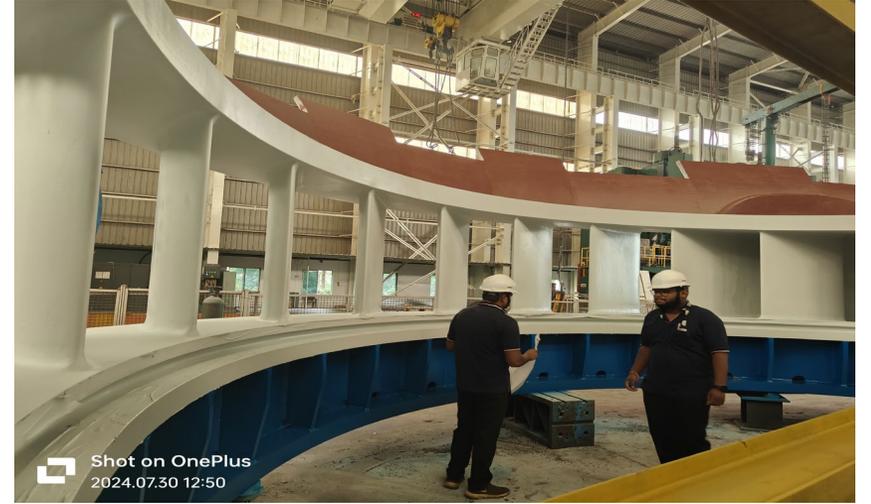














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