



**Manufacturers of Gray  
Cast Iron & Ductile Iron  
Casting Components.**

## About Us

Established in the year 1989 as Pradip Foundry, we are manufacturers of high quality precision Gray cast iron and Ductile Iron Castings.

Over 35 years of rich experience in the industry and modern infrastructure makes us capable to produce any critical and complex castings with minimal defects and highest quality standards.



## Vision

We at Pradip Foundry believe that excellence product is achieved through keen insight.

To work as a complete system oriented unit to achieve the quality standards by delivering quality products, delivery reliability and process stability.

## Facts And Figures

|                      |                     |
|----------------------|---------------------|
| Total Developed Area | : 35000 sq feet     |
| Production Capacity  | : 3000 MT per annum |
| Establishment        | : 1989              |
| Working Shifts       | : 3                 |



# Milestones



1989

- Establishment of our company Pradip Foundry at Rajkot with a small setup to Weighing Scale Industry.



2005

- Expansion of unit with a production capacity of 200 Tons per annum



2023

- Foundation of Pradip Foundry At, Rajkot, Gujrat, INDIA
- Advancement in Plant with modern infrastructure and a production capacity of 3000 MT per annum.



2024

Advancement and Recruitment in the Quality control and Production Department.

# Infrastructure

## Molding :-

- **Green sand Molding** : Pneumatic jolt and pneumatic rammend molding.
- **Core Shop** : Fully automized PLC controlled cold & hot box core shooters.
- **Good Casting weight** : 0.5 kg to 2000 kg.
- **Shell Molding** : Molding through fully automized PLC controlled shell core shooters.
- **Good Casting weight** : 0.1 kg. to 100 kg.



## Melting :-



# Quality Control

**Sand Testing:-** Kelson Make fully digital green sand testing lab.





### Chemical Composition Testing



- German Hiltachi make spectrometer with 30 channels.

### Spectro Display



- Auto Alloy Addition Spectro Display.

### Hardness Testing



- Kelson make computerised Brinell hardness tester.  
Load kgf - 250 - 3000      Table size - 350mm X 600mm

### Tensile Testing



- Kelson Make Computerize Universal Tensile Machine (UTM).

### Computerized microscope



- Computerized microscope for the microstructural analysis.

### General Operation & Inventory control



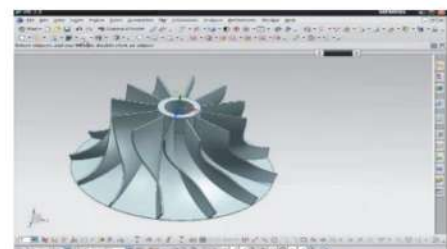
-ERP system for Material Movement and inventory.

### Temperature



- Infrared pyrometer for temperature handling

### Development



- Tooling & Die Development

## Other Facilities

### Precision Machining



### Surface Treatment

### Heat Treatment

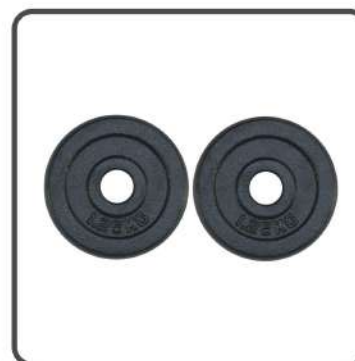


# Applications

## Cast Iron Test Weight



## Cast Iron Gym Plate



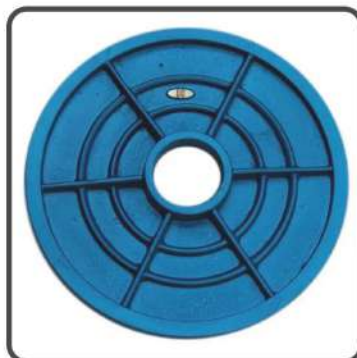


# Applications

## Pumps Valves and Fluid Industries



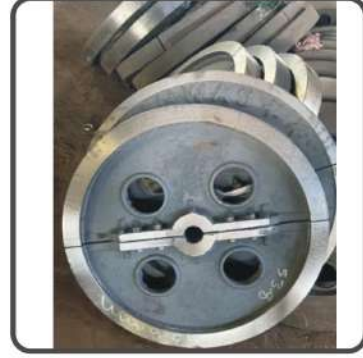
## Textile





# Applications

## Load Wheel & Fly Wheel

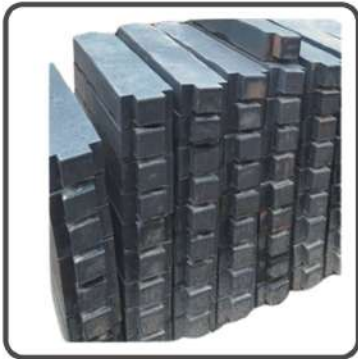
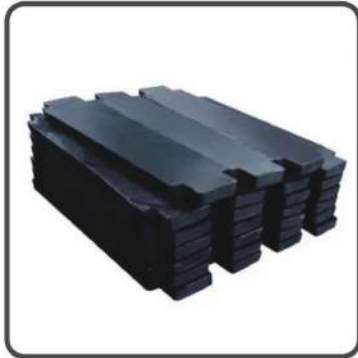


## Agriculture



# Applications

## Elevator Counter Weight



## Our Valuable Customers





# PRADIP

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## FOUNDRY

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FOUNDRY

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