



## Nucleus Centricast Pvt. Ltd.



- Established in the year 2017
- Our core competence - manufacturer of centrifugal casting machine builder
- Specialist in manufacturing clean casting through centrifugal casting process
- Centrifugal casting - Horizontal and Vertical processes.
- Casting in Ferrous and Non Ferrous alloys.
- Expertise in Bi – Metallic and Tri – Metallic alloy pipes.
- Manufacturing process Sand casting and Die casting.

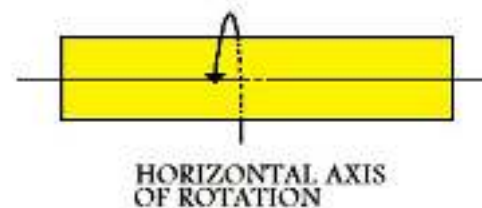
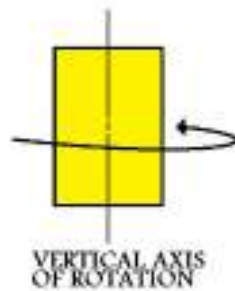
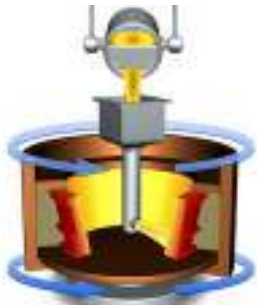
## Installed Capabilities

- Manufacturing special / super alloys grade casting of high quality.
- Our current manufacturing set up caters for Pipes, Liners, Bushes, Tubes and Rotors
- Manufacturing of Industrial valves, Pump components, Engineering & Automobile machine parts.



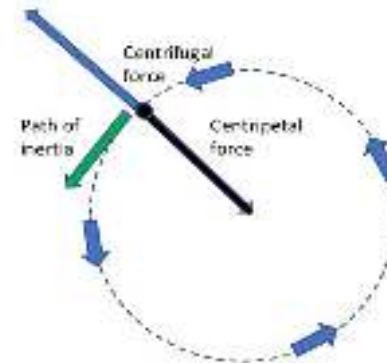
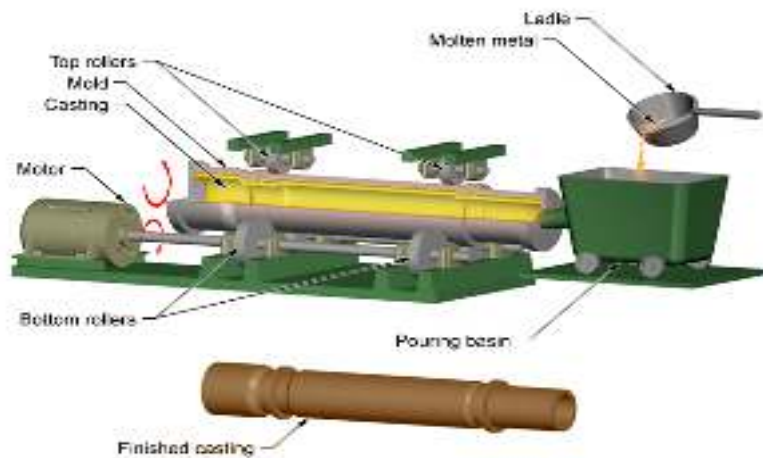
# Centrifugal Casting

- The manufacturing process of centrifugal casting is a metal casting technique, that uses the forces generated by centripetal acceleration to distribute the molten material in the mold.
- Cast parts manufactured in industry include various pipes and tubes, such as sewage pipes, gas pipes, and water supply lines, also bushings, rings, the liner for engine cylinders, brake drums, and street lamp posts.



# Centrifugal Casting

- The molds used in true centrifugal casting manufacture are round, and are typically made of iron, steel, or graphite.
- Some sort of refractory lining or sand may be used for the inner surface of the mold.



# Shop Floors



# Shop Floors



# Process



# Industries Served

- Ordnance factory
- DRDO
- Railways
- Nuclear Power Plants
- BHEL
- SIFL





# Exhibition Participated



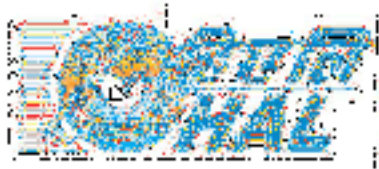


## Gujarat – Logistic and Infrastructure

- 2 International, 6 Domestic airports and 2 Seaports handle 40% of India's cargo
- 4030 Kms National highway infrastructure
- 19750 Kms State Highway infrastructure
- Largest Industrial Development Corporation in India
- 52300 Kms well established power transmission lines
- Excellent Industrial Policy and Schemes
- Vibrant Gujarat - 8% of India's GDP, 20% India's Export, 5% of India's
- Population and 43% in Urban area
- No.1 state in India to attract FDI



# Our Valuable Customers



Heavy Engineering Corporation Ltd.  
(A GOVERNMENT OF INDIA ENTERPRISE)  
Ranchi, India



# Thank You

## Necleus Centricast Pvt Ltd



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**Casting India®** - Consultant - Business Development

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