## Overview:

Belgaum Ferrocast (India) Pvt. Ltd (BFPL), is a Private Limited Company engaged in manufacturing and supply of Gray cast iron and Ductile (S.G Iron) Casting components in machined Semi finish, finish, with sub-assemblies and Ready to Assemble conditions in various sectors like Hydraulics, Infrastructure, Pumps (Water/Oil), Transmission, Industrial Equipments, Heavy Stationery Engine Components, High Pressure Application Industry, Automobile / Automotive, Valve Industry.

### **Foundry Division**

Foundry Division is equipped with

- 1250 KW Tri Track Induction Furnace, with Present Melting Capacity of 1100 MT/ Month.
- A Semi automated sand plant for green sand moulding process with sand preparation capacity of 30 MT / Hour.
- A fully equipped testing lab with Spectro and other testing Facilities.

## **Machining Division**

- Division is a full fledged setup with precise Machine
- Machining Centers: VMC, VTM, CNC Turning, Broaching, Hot wash cleaning, Salt spray testing, Conventional Machines.
- Lab and Testing: CMM, Contour, Digital Profile Projector, Surface Analyzer, High Pressure Testing up to 2500 psi

### Vision

"We at Belgaum Ferrocast (India) Pvt. Ltd are committed to be a reliable supplier of

### **Core Values**

- Accountability
- Speed and efficiency
- Creativity and Innovation
- Proactive
- Fit
- Passion
- Open Minded And Courageous
- Ethical Approach

## Strength

- Small to large batch sizes production flexibility.
- Adequate Infrastructure & all processes under one roof.
- Implementation of LEAN mfg. Concept.
- Faster response time.
- Strong sub contracting base.
- Expansion Capability.
- Full fledge in house Measuring & testing facility..

### Some of our Valued Customers

CUMMINS - PARKER - EATON - MTU - WARTSILA - ATLAS COPCO. MAHINDRA - HODEK - VELJAN - DOVER - MIDLAND - TWG - BLACKMER



Belgaum Ferrocast (India) Pvt. Ltd.

#### Corporate Office & Machine Shop Unit I:

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**Belgaum Ferrocast** (India) Pvt. Ltd.

www.bfplindia.com

**DUCTILE & GREY IRON CASTINGS** 

CASTINGS MACHINING ASSEMBLIES EXPORT

## **HYDRAULICS**









Application: Components used for hydraulic gear pumps and motors are an ideal power for Trucks, Earth movers, Agriculture, Material Handling industry. The components catered to the industry are Gear housing body, Cover, Mounting flange

: Cast Iron and Ductile Iron based on the application & requirement Material

Weight Range: 6 Kg to 150 Kg

# **INFRASTRUCTURE**

Application: Planetary winches and hoists that are ideally suited for large oilfield trucks, heavy haul tractor packages, digger derricks, cranes, elevators and aerial work platforms, boom trucks as well as various other applications. With linepulls from 5,000 to 130,000 pounds. The components catered to the industry are Housings, Drum, Piston, Supports, Covers, Brakes etc..

Material : Ductile iron : 4 Kg to 280 Kg Weight Range



# PUMPS (Water / Oil)











Application: Water Pumps, Oil Pumps & Vane Pumps used for heavy diesel engine, Agriculture & Marine applications and which undergoes extensive performance testing. The components catered to the industry are Pump Body, Cover, housing, adaptor, Heads etc.

: Cast iron and Ductile Iron

Weight Range: 3 Kg to 180 Kg

# **TRANSMISSIONS**

Application: Powertrain technologies are used by four of the top five heavy-duty OEMs globally and include:

- Synchronized manual transmissions (5 through 13 speeds)
- Constant mesh manual transmissions (5 through 18 speeds)
- Automated constant mesh manual transmissions (6 through 18 speeds)

Fully synchronized and non-synchronized manual transmissions as well as automated manual transmissions across a full spectrum of applications. The components catered for this industry are Front bearing covers, Rear bearing covers, PTO Spacers, Clutch housing bearing and Lay Shaft, Caps, Cover Bearing Main Shaft, Cover Bearing "C" Shaft, etc.

: Cast iron and Ductile Iron

Weight Range: 1 Kg to 150 Kg



# **INDUSTRIAL EQUIPMENTS**













Application: Pallet Trucks, Pallet Stackers, 3 Wheel Electric Trucks, 4 Wheel Electric Trucks, Reach Trucks, Order Selectors, Very Narrow Aisle, Tow Tractors, High Capacity Forklift Trucks etc. The components catered to this industry are Bracket Isolators, Cross heads, Links, Wheel real loader, Flywheel, End Caps etc...

Material : Cast Iron and Ductile Iron

Weight Range: 1.5 Kg to 150 Kg

## **HEAVY STATIONERY ENGINE COMPONENTS**

Application: Engine fuiled by diesel, natural gas and dual fuel, that Powers the widest range of almost all Industrial Applications such as Compressors, Excavators, Loaders, Cranes, Dump Trucks, Dozers, Industrial & Fire Fighting Pumps, Oil and Gas applications, Locomotives, Rail Power Cars, Rail Safety Vehicles, Marine Main Propulsion and variety of Defense applications, etc. The Components catered for this industry are Gear Case cover, DV Bell Housings ,Oil Pan, Support bearing, Connection water inlet, Housing heat exchanger, Head compressor, Housing hydraulic drive, Flywheel housing, Cover lub oil coolers, Air bottle, End cover, Connection adaptor, Housing thermostat, etc.

Material : Cast Iron and Ductile Iron

Weight Range: 5 Kg to 270 Kg







# **AUTOMOBILE / PULLEYS**



Application: Torsional Vibration Dampers and drive chain pulleys used for on road and off road vehicle engines, The components catered to this industry are Hubs, Inertia Rings, Housings, "V" Groove Pulleys, Poly groove Pulleys, etc.

: Cast iron and Ductile Iron

Weight Range: 2 Kg to 250 Kg

## **VALVE INDUSTRY**

Application: Valves used for Pressure Road Car, Rail Car, Oil lifting industries applications. The components catered for the industrial products like Pressure Relief Valve, Vaccum Relief Valve, Rupture Disc Devices, Bottom Outlet Plug Valves, Bottom Outlet Ball Valves, Hi-Flow Valve, Gauging, Top Transfer Valves, Check Valves, Butterfly Valves, Quick Disconnect Couplings, etc.

Material : Ductile Iron Weight Range 0.5 Kg to 60 Kg

