

Specialist in:
Centrifugal Castings



YOUR TRUSTED
MANUFACTURING PARTNER
SINCE 1990

GOODWILL CASTINGS

Manufacturers of :-

Phosphorus Bronze Castings, Gun Metal Castings, Brass Castings, Aluminium Bronze Castings, Aluminium Castings, White Metal Castings, Lead Tin Anodes Castings, Electroplating Hangers, Etc.

Company Profile

Goodwill Castings, based in Ludhiana, has been a leading casting company for over 35 years. Established in 1990 it is now run by **Mr. Simarjot Singh** and **Mr. Gurpreet Singh** under the guidance of **S. Upkar Singh Sahni**. Goodwill Castings is one of India's foremost manufacturers and exporters of various castings, including **Phosphorous Bronze, Gun Metal, Brass, Aluminium Bronze, Aluminium, White Metal, Lead Tin Anodes, Electroplating Hangers, Bushes, Gears and Machinery Parts**. Known for producing high-quality gunmetal and phosphorus bronze castings, the company takes pride in its commitment to quality and customer satisfaction.

Additionally, we undertake sand castings and centrifugal casting tailored to customer specifications and requirements. Our advanced quality control testing facilities, combined with a fully equipped machine shop, ensure that our castings meet the highest quality standards. We have a production capacity of 500 kg/day, and we can produce components ranging from a few grams to 1 kg up to 1000 kg per casting.

We employ the following casting methods:

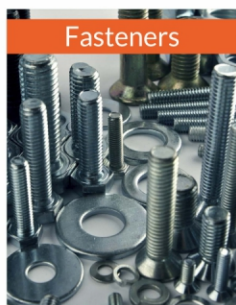
- Centrifugal casting
- Sand casting



S. Upkar Singh Sahni
Founder of Goodwill Castings



Machine Tools



Fasteners



Forging Screw Press



Agriculture Industries



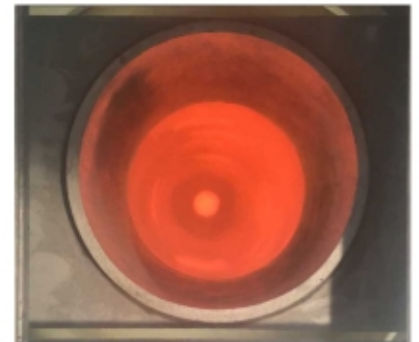
Rubber Processing Plant

Centrifugal Castings

Vertical centrifugal casting is a process during which fused metal is casted in a vertical centrifuge put in a deep well. This type of processing results very efficient in order to produce huge and thick rollers. This technique allows to obtain a very hard product, resistant to wear and resistant to thermic fatigue, offering to the work surfaces very high outputs if compared with static products obtained through manufacturing.

We are one among the very few quality professionals who have mastered this process in the foundry industry within India. Our products casted using the centrifugal casting process are known for their precision, toughness and long lasting life when they are assembled into finished machineries from a variety of industries. Highlights of the centrifugal castings:-

- Varied sizes of castings can be made
- Varied wall thickness can be achieved from the same die
- Reduce the requirement of cores
- Mechanical strength is excellent
- Cylindrical shapes can be achieved through this



Sand Castings

Sand casting, also known as sand molded casting, is a metal casting process characterized by using sand as the mold material. The term "sand casting" can also refer to an object produced via the sand casting process.

We use the green sand based moulds made out of variety of patterns and different types of sand cores to cast the components based on customer requirements. Sand castings employ vast labor and takes considerable amount of time for the processing of moulds and then the cast components themselves. Our sand castings are known for their unmatched quality in the foundry industry. We supply these castings in both rough and finished condition after machining.

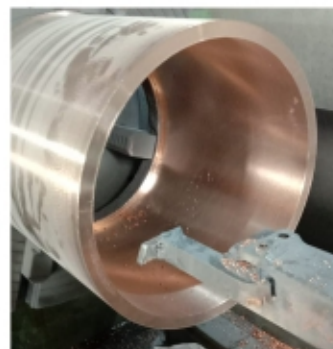


Our Infrastructure

Since the starting, we have strong infrastructure unit. This unit is classified into different departments such as manufacturing, quality testing, packaging, sales & marketing, research & development. All these units are equipped with highly advanced machinery and tools that enhance production process with fluency. Moreover, a detailed research of contemporary markets carried by our team enables us to manufacture products as per the demand of our patrons.



PIT FURNACE



MACHINING



CNC TURNING



LATHE MACHINES

In House Manufacturing Facilities

FOUNDRY

Metallurgy & Production

MACHINE SHOP

For In house Proof Machining or Fully finished Castings

LABORATORY

In house Quality Checks & Control

ADMINISTRATION

Logistics, Accounts, Stores & HR

WORKFORCE

50+ People

CENTRIFUGAL CASTING MACHINE

Finished weight of casting 1000 kgs.

Max Length of 500mm & dia 500mm.

(Dia will increase with reduction in length)

Max dia 1000mm length 1000mm

VERTICAL MACHINE-01 NO.

MACHINE SHOP

The unit has full-fledged machine shop with multiple Lathes & Milling to offer Proof machined or Fully finished castings to our Customers. We can handle Casting of various sizes ranging from 100mm to 1000mm in diameter upto 4000mm long. We have CNC machining center to machine the castings to close tolerances & Honing machining center to provide high surface finish.



Quality Policy

TO PROVIDE OUR CLIENTS QUALITY SERVICE
ON TIME, EVERY TIME

Our aim is to achieve, sustain and enhance customer satisfaction by continually improving the effectiveness of quality management system through teamwork and involvement of all members of organisation.

Laboratory, Testing And Inspection

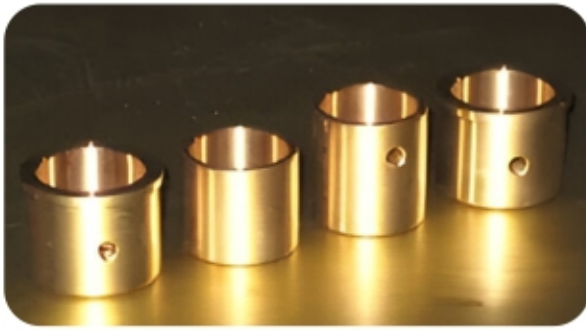
Our quality procedures are approved to ISO 9001 standards and we hold approvals for numerous institutions, organisations and 3rd party assurance bodies.

Our technical and laboratory teams include fully trained and qualified people who are responsible for material analysis of our own alloying processes or to check certified melt stock. This ensures that all material meets not only the chemical requirements of our customers' orders but also provides traceability through to the furnace batch itself. All melts are given their own unique melt number and records are kept by our quality department.

We can offer the following tests / processes and provide certification where required:

- Chemical Analysis (In house spectrometers)
- Hardness Testing (In house Hardness Tester)q
- Dimensional Inspection (In house CMM)
- Pressure/Hydraulic Testing (In house Test bench)
- Outside witness (3rd party) inspection

► Products & Services



Phosphorus Bronze Castings

We are familiar in the manufacturing and delivery line of high quality range of phosphorus bronze castings to our varied customers. Because of its high strength less friction characteristics our bronze castings are well acceptable in the mechanical and electrical industries. Customers can avail the castings in accordance with the specified requirements and design patterns.



Gun Metal Castings

We are engaged in the production and supply of gun metal castings across the country. The gun metal castings we manufacture are offered in varied strengths and measurements. Quality raw materials are being employed in manufacturing castings in conformity with the international standards and norms. Great surface finish makes the products acceptable for the use in various industries.



Brass Castings

Brass is a generic name that encompasses alloys made from copper and zinc. Brass casting involves using these metal alloys to form metal parts efficiently. Green sand casting is one of the most reliable brass casting methods. This technique involves forming a single-use mold from a sand aggregate and pouring molten brass into that mold.



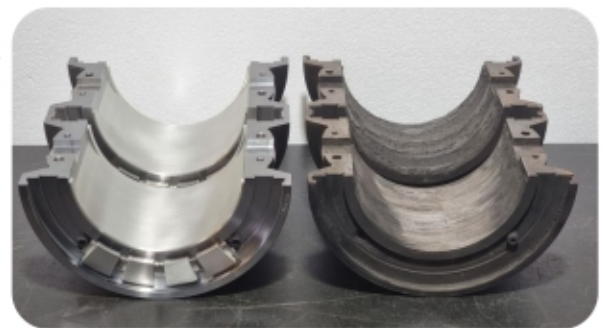
Aluminium Bronze Castings

Backed by experience in the casting field we are engaged in the production and supply of Aluminum Bronze castings. High grade raw materials are used to manufacture bronze castings and each manufacturing phase is passed through rigorous quality parameters that ensure the final product is good.



Aluminium Castings

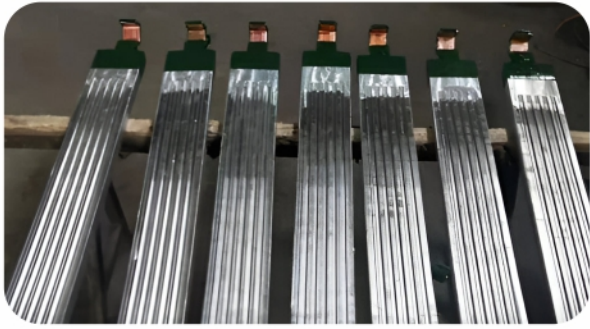
Aluminum casting is the process of producing custom cast parts and products by pouring hot molten aluminum into mold cavities to form desired shapes, then cools down and solidifies into its final form. Aluminum is one of the most frequently utilized metals used for casting processes.



White Metal Castings

We provide bushes with white metal lining, which is very useful for high accuracy in low RPM Rolling Mills. Our products are widely used in various industry applications owing to salient attributes like durability, resistant to corrosion, and high tensile strength.

► Products & Services



Lead Tin Anodes Castings

With over three decades experience, Goodwill Castings Lead has built up an enviable reputation for manufacturing all types of lead anodes. Serving industries electroplating, we currently manufacture anodes for worldwide markets.



Electroplating Hangers

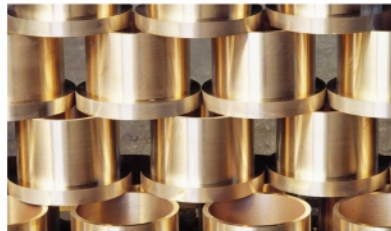
Our Electroplating Hangers are crafted from high-quality materials for enhanced durability. Our well-equipped warehouse ensures safe and hygienic storage. We guarantee timely delivery through reliable shipping facilities to maximize customer satisfaction.

Products Type



Raw

Supply of casting without mechanical manufacturing with qualified oversize metals, in accordance with the dimensions requested by the customer.



Pre-finished

This operation is better than the supply of raw casting as it guarantees the quality control of the fusion and reduces the oversize metals, in order to facilitate the finishing process for the customer.



Finished Design

Completely finished casting as designed and required by the customer. Dimensional and visual controls beyond the possibility of implementation through penetrating liquids and ultrasounds.



► Products Gallery





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caifa
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"Committed to provide high performance products,
on-time deliveries, & cost effective solutions."



WHERE EXCELLENCE MEETS INNOVATION

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SCAN FOR DIRECTION

