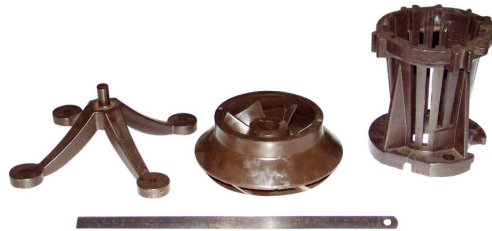
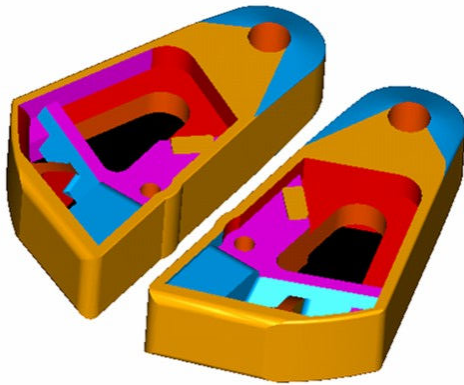




Gravity cast pvt. Ltd.



INVESTMENT CASTING



NEAR NET SHAPED CASTINGS
EXCELLENT SURFACE FINISH
ABSOLUTE DESIGN FLEXIBILITY
INFINTIE CHOICE OF ALLOYS
MINIMUM TOOL ROOM WORK



Smart solutions for precision castings

The Infrastructure

In-house designing, manufacturing & testing facility to make the finest INVESTMENT CASTINGS by lost wax process of world class quality, consistency, specific requirements and timely delivery. Well Qualified and Experienced professionals to design die/tool designing with absolute precision in detail.

Our Mission

Gravity Cast Pvt. Ltd. is dedicated to develop and manufacture products and innovative solutions for the precision & engineering industry. We are committed to be the first choice of our customers, employees, suppliers, strategic partners, and shareholders by meeting or exceeding their expectations. In pursuit of this mission, we will:

- Value Integrity, Trust and Respect in all of our interaction.
- Responsibly Manage our resources while providing a safe and healthful work environment.
- Continuously Improve and Develop our employees, processes, and technology.
- Expect Pride in our products, processes, and services to support our Commitment to Excellence.
- Create a competitive advantage by responding to all internal and external customers in a timely and respectful manner.
- We embrace these principles to achieve the goal of profitable revenue growth while maximizing return on investment.

Accuracy that we commit

FLATNESS: $\pm 0.10\text{mm}$ for casting length of 25mm and $\pm 0.25\text{mm}$ for casting length of 100mm
STRAIGHTNESS: $\pm 0.25\text{mm}$ for casting length of 50mm and $\pm 0.50\text{mm}$ for casting length of 100mm
CONCENTRICITY: $\pm 0.20\text{mm}$ for OD 50mm and ID 25mm
SURFACE FINISH: Unto 80 microns in as cast condition and Unto 20 microns for machined surface
SECTION THICKNESS: We can deliver castings with section thickness as low as 1.5mm
PERMISSIBLE DEVIATIONS: In angles CLASS-1 $\pm 1/2$ degree and CLASS-2 ± 1 degree

Investment Casting ?

Complicated and intricate shape/design of part can be easily cast.
Excellent surface finish as like mirror finish.
Complete design flexibility.
Superior metallurgical properties.
Parts weight from 5 grams to 50 Kgs can be cast.
Suitable for batch as well as mass production.
(25 Nos to 10,000 nos can be cast per lot)
Closer dimensional tolerance. Casting Tolerance is ± 0.2 per 25 mm.
Unlimited choice of alloy, all type of ferrous and non ferrous alloy can be cast.
Machining and fabrication may be avoided in single parts.
Easily machined components.

Alloys we manufacture

Stainless steel: CF8, CF8M, CF3, CF3M, 17.4 PH, CN7M etc.
Nickel Base: Hastelloy, Inconel, Monel, R-55, 50Cr50NiCb etc.
Carbon Steel: WCB, WCC, WCA, BS3100, EN Series etc.
Medium Carbon Steel, Alloyed Steel etc.

Casting weight

We do handle are from as low as a few grams per Piece unto 50Kgs per piece.

Our Expertise

Is in manufacturing smaller and critical components Where accuracy and complexity is critical.



With total design support for fast, integrated production along with economic viability



Each Casting manufactured passes through stringent 3-stage Quality control system.

Stage 1 All input materials are checked and verified to meet the Specifications and raw material standards as per individual quality plan.

Stage 2 As per specifications we check the chemical composition of each pouring heat, Hardness (as cast) and visual inspection is carried out during this stage.

Stage 3 The final cast article is subjected to:

- Hardness Test.
- Visual Surface Inspection.
- Dimensional Inspection as per Specifications.
- Other Tests as Applicable per Specifications.

• Acid Pickling, Hot Dip Galvanizing, Hard Chrome plating, Finishing by
• CNC machine in micron tolerance are also possible at our end.

