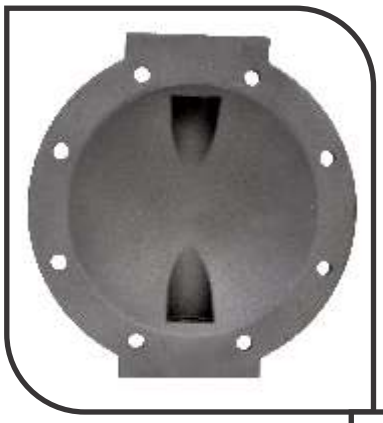


Swastik Technocast Limited

An ISO-9001:2015 & ISO-14001:2015 Certified Co.











PRECISION INVESTMENT & SAND CASTING UNIT



About Us :-

Founded in August-2007 and started production in January -2008. Swastik Technocast Limited is the premier supplier of complete-to-print, high-volume, complex thin-wall investment (Loss Wax Process) and Sand Casting and fully-finished casting-based subassemblies and components to industry. The company leads the industry in volume production, reduced lead-times and on time delivery. Swastik Technocast Limited. Produces castings in dozens of different alloys for a broad spectrum of global markets and customers.

Beyond the foundry, Swastik Technocast Limited is a leader in applying the latest technology and controls to the shop floor throughout the manufacturing process of investment casting. The use of computer-aided design and manufacturing facilitates a close working relationship with customers to design parts and components for maximum manufacturing efficiency. Automated machines are utilized in a variety of milling, boring, grinding and machining to bring final dimensions to exact required by customer.

Swastik Technocast Limited has been providing customers with cost effective solutions to their casting needs for long time. Today, Swastik Technocast Limited is a modern diversified company with plant and manufacturing facilities occupying more than 28,000 square feet.

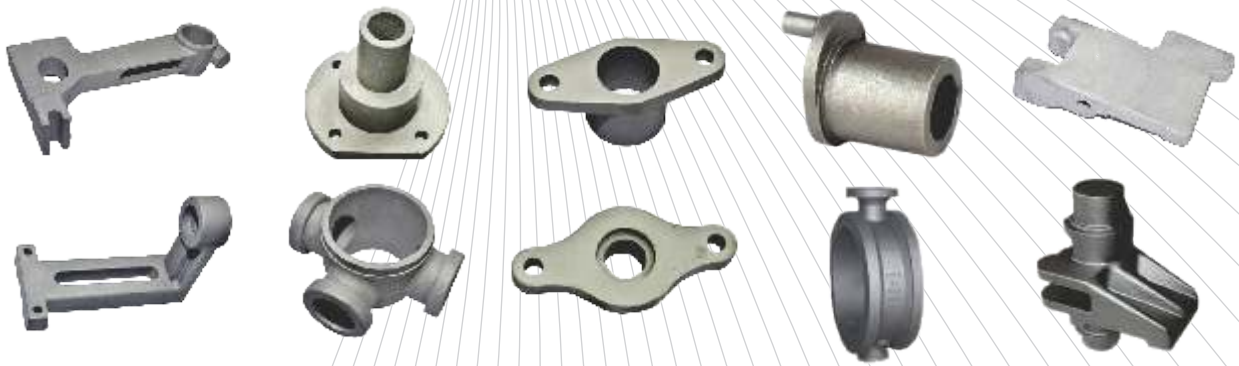
Meeting the technical requirements of a contract is essential, but not enough to maintain the advantage that Swastik Technocast Limited holds in today's competitive marketplace. Customers demand and have come to expect a single source delivering fully-finished components, just-in-time, and ready for assembly into the final product. To meet these requirements we have experts to provide service from design through quotation, sampling, production, finishing, assembly, and delivery.

We've always taken pride in our company as more than just a place to work. It's a place where we're both personally and professionally committed to the satisfaction of each and every customer. In our relationships with customers, we try to keep in mind that you're not just coming to us to buy castings, but to solve a particular problem.

Our management team has extensive experience in the investment casting industry - experience that will benefit you through higher quality parts, produced in time. We operate under a single tier management system, which allows us to provide you with lightning-quick response to your needs.

- **Our strength :-**

- Time tested process controls supported by customized foundry software.
- Capability to cast most complex shape in almost any air melts alloys.
- Well qualified, skilled workforce.
- Engineering support for implementing design alterations.
- Castable and Injectable various waxes and ceramics core manufacturing facility.
- State of art CNC machining facility with varying test bench to ensure 100% defect free supply.
- State of art in house metal and ceramic testing laboratory including Radiography sources IR 192 and Co-60 isotopes.



Quality Policy :-

Teamwork :- The phenomenal growth of our company in the span of 8 years is owed to the extra ordinary team work of all our employees across all plants. We constantly endeavour to nurture a cordial and healthy relationship across our management structure and we are truly proud of this facet of our organization.

Environmental concerns :- We have in house facility to process effluents and maintain zero effluents discharge as well wax reclamation facility and ceramics waste for reusing in construction industries. We do care of environment by planting more and more trees that reach to count in thousands.

Mission :- Continue to be India's leading quality Investment Castings manufacturer through innovative and cutting edge technology and method

Vision :-

We shall strive to be leaders in this business by offering products of a world class quality, and through constant technological innovation. We understand the needs of our customers and shall stay focused on them by offering them products, service and solutions of the highest quality.

Industries Served :-

Swastik Technocast Limited manufactures Lost Wax Investment and Sand Casting for a wide range of industries such as :

- » Automotives
- » Defence
- » Industrial Pumps & Valves
- » Turbine Blades
- » Agriculture
- » Power Plant
- » Boiler Parts
- » Aerospace
- » Earth Moving Machinery
- » Engineering & Automation
- » Medical Implants
- » Structural Hardwares
- » Marine Applications
- » Dairy Equipment
- » Electrical Components
- » Fire Fighting
- » Food
- » Oil & Gas
- » Plumbing Component



Works : Village - Dunduhera (12 th KM Stone Delhi-Saharanpur State Highway),
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Quality :-

Our progressive management and cutting edge production technology contribute to our ability to provide our customers with exceptional value in a highly competitive industry.

We regularly work directly with customers, helping to design, innovative and cost-effective solutions to the many challenges facing today's market. In this way, we act as a partner as well as a supplier to our customers, and thereby improve our own competitive position by helping improve theirs.

Experienced staff, technical expertise, a dynamic approach to customer partnerships, and an on-going commitment to product innovation are just some of the reasons for our existence in the most competitive environment.

Physical Testing :-

Fully computerized Universal Testing Machine, Hardness Testing Machine and Impact Testing Machine to ensure the mechanical properties.

Chemical Testing :-

The quality of the incoming material such as alloys and scraps with irregular metal surfaces are checked by wet analysis method. Optical Emission Spectrometer ARL 3460 has 24 analytical Channel along with Nitrogen is used to ensure the chemical composition of the metal.







Production Capability :-

Casting Alloys:-

A. Stainless Steel, Copper Alloys & Aluminium Alloys.
B. Made to order alloy as per customer requirement.

Weight & Size of Castings:-

A. Weight few grams to 98 kgs. Single Piece in Investment Casting and 1 kg to 500 Kgs in sand casting.

Size as per customer requirement.

Production Facility :-

- CAD/CAM Engineering Facility
- Tool Room/ Machine Shop
- State of the Art Equipment/Machinery for wax Injection, Shell Production in a Temperature and Humidity Controlled Atmosphere
- Dewaxing
- Induction- Melting Furnace of 150 kg, 250 kg and 500 kg.
- Shot Blasting, Sand blasting machine, Air Plasma Cutting Machine and Squeezing Jolting machine for sand casting heavy production.
- Heat Treatment Furnace.
- CNC and Conventional Machining Facility.

Research & Development :-

Our Research & Development wing constantly backs us with documenting the process & controls with proper system incorporated in the shop floor to manufacture, monitor and defining quality standards.



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Capabilities & Applications :-

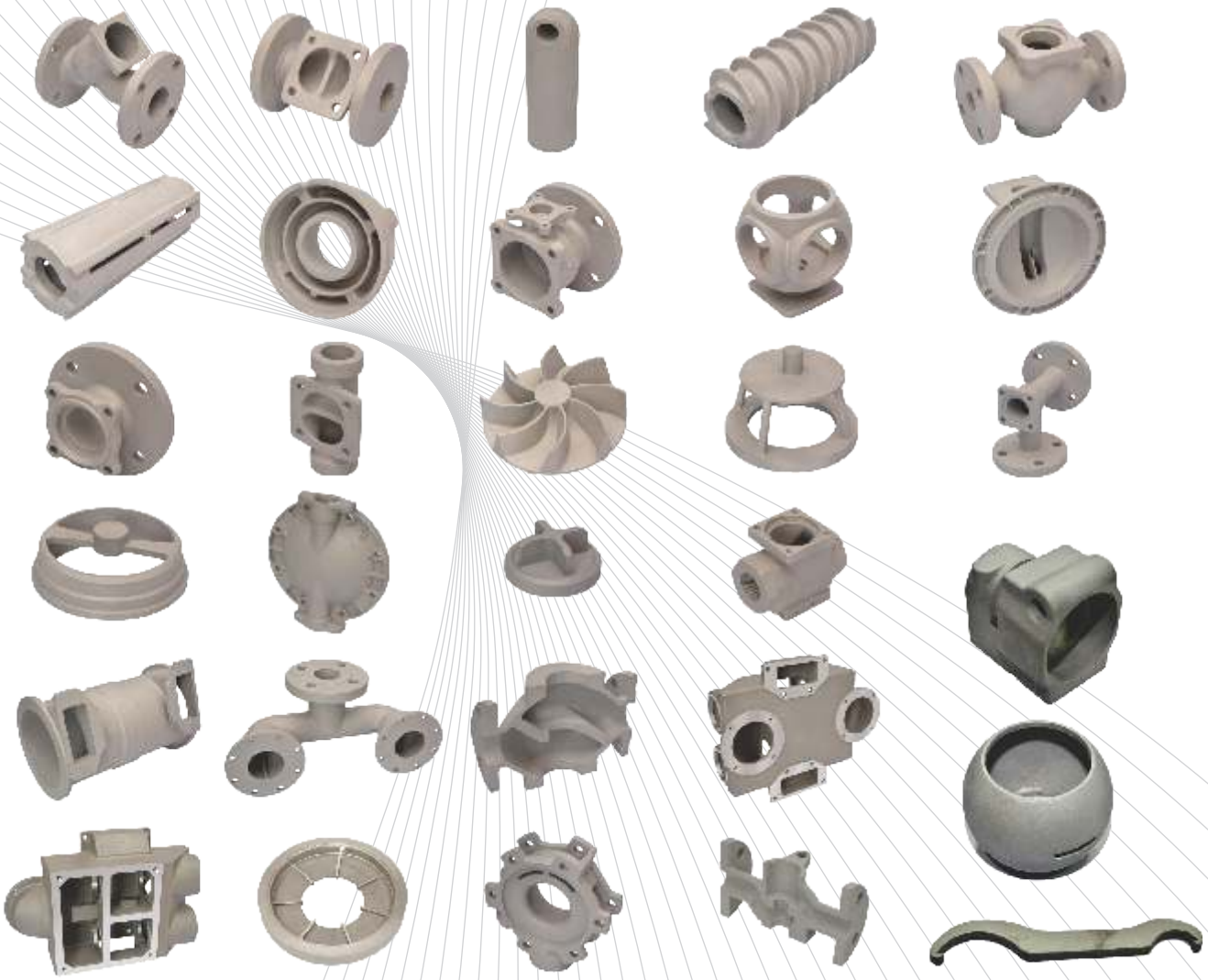
1. Castings Alloys :-

a. Stainless Steel - CF8, CF8M, CF3, CF3M, CN7M (Alloy20), CA15, CA40, etc.
b. Nickel & Cobalt based Super Alloys viz, Monel, Inconel, Haste Alloy B&C, Stellite etc.
c. Low Alloy Steels.
d. Low & Medium Carbon Steel.
e. Aluminum Alloys.
f. Magnesium Alloys.
g. Titanium Alloys.
h. Brass & Bronze Alloys.

Maximum Casting Size (Investment Casting) : 500.00 # 500.00 # 500.00

(**Sand Casting**) : 1500 # 1500 # 1500

Weight Range (investment Casting) : .020 Kilogram to 120.00 Kilograms per piece.
Weight Range (Sand Casting) : Max 650 Kilograms per piece.



Plant & Machinery :-











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