

SUPERCAST FOUNDERS & ENGINEERS

NON - FERROUS CASTINGS & ALUMINIUM GDC, PDC & INVESTMENT CASTINGS

10/19, Oberoi Industrial Estate, Opp. Varun Steel, Near Waghmare Hospital, Chinchpada,

Waliv Road, Vasai (E), Thane - 401 208. E-mail : supcast1964@gmail.com

ISO 9001:2015 CERTIFIED Website : www.supercast.net

COMPANY PROFILE

From Concept to Casting...

Full-Service Mold Design and Manufacturing, Casting and Cast Finishing

SUPERCAST FOUNDERS & ENGINEERS is a company for your complete casting source. Our services include:

- Mold design and manufacturing
- Aluminum die casting from 50 grams to 30 Kgs
- Sand Casting of Brass, Bronze & Aluminium from 100gms to 190Kgs
- Pressure Die Casting from 50 grams to 3 Kgs
- Investment Casting in MS & SS Grade from 100 grams to 2 Kgs
- Cast finishing using state-of-the-art CNC machining

In our facility we have blended the best automation techniques with highly skilled, trained operators to allow us to effectively handle large volume jobs. We also have machines designed for quality, short volume runs. Our strict quality control procedures ensure that you get a top quality product every time.

Supercast casting quality follow ISO 9001:2015 defined quality control norms and offer machined parts with extraordinary quality. Use of measuring machine (made by CMM- Mititoya, Japan) assures compliance to standards and specifics. Our engineers specialize in customizing machined components as per the requirements of the clients. **Supercast** is also a corporate member of the Indian Institute of Foundrymen.

Serving you since 1964

SUPERCAST FOUNDERS & ENGINEERS, Company was founded in 1964 and has remained a family owned and operated business. **SUPERCAST**, serves a wide variety of industries across the India.

We offer a fully equipped modern tooling facility to design, build and maintain our customers tooling to enable minimum downtime and affordable tooling. Our casting capability ranges from 50 grams to 100 Kgs castings with capacity from 100 parts per month to 100,000 parts per week. Please contact us for additional information.

Quality Molds Created

In addition to casting, **Supercast** is a full-service mold manufacturing facility offering in-house tooling design and production. Where most die-casting facilities only offer mold repair, Supercast can create a customised mould and then simply transfer that mould to the die-casting area. We also offer storage of the mould, so you never have to worry about transferring the mould between facilities.

More affordable tooling

Tighter tolerances for castings more precise tooling

Less downtime for tooling repair and maintenance

Supercast is capable of handling a wide range of tooling and part data, from the latest 3-D solid models, to simple sketches, to building tooling from a sample part. Plus, we use the most modern CNC machine tools for optimum precision and accuracy in tooling.

Sand Castings

For hundreds of years, among all other castings, sand casting continues to be one of the most popular casting methods. Even today, it has a great significance in the area of large metal forms production. With the cooperation, assistance and instructions of our large expert and knowledgeable group, we are capable of handling sand casting of bronze, brass, aluminum. Our state of art infrastructure will provide you with high quality machining using CNC, and complete testing facility using tensile testing, hardness testing machine and chemical testing by spectrometer(through tie up).

Gravity Die Castings

If you want to go for mass production and that also for fully mechanized casting, then Gravity Die Casting is a good casting process. For producing smooth and textured, well defined, accurately dimensioned metal parts, gravity-die casting method is also very good process. Our die casting services are of excellent quality. We have a vast pool of knowledge to make gravity die casting. Our knowledge in this regard is as per the international standards and we adopt new innovative knowledge from time to time.

Pressure Die Casting

Supercast ensures consistent quality in the casting process. Custom-built die cast machines allow for a wide casting parameter that can fit any cast including hydraulic slide pulls and insert loaded parts.

Automated equipment can handle high volume casting jobs of up to 100,000 pieces per week Can cast from 50 grams to 3 Kgs. Most aluminum die casting

alloys are offered, including zinc. Specialized process controls for parts that require unusual aesthetic or quality demands.

Investment casting

Supercast has also started with a new plant for Investment Casting.

Investment casting is a manufacturing **process** in which a wax pattern is coated with a refractory ceramic material. Once the ceramic material is hardened its internal geometry takes the shape of the **casting**. The wax is melted out and molten metal is poured into the cavity where the wax pattern was. The advantage of using this process is Excellent surface finish, High dimensional accuracy, Extremely intricate parts are castable. Mostly we do in MS & SS material.

We are equipped with CNC Vertical Machining Center and a Turning Center with centroid controller along with facility for milling and lathe machines. This enables us to meet the specifications of the clients with greater accuracy.

State-of-the-Art Cast Finishing

The **Supercast** facility offers a complete in-house, independent machining facility with the latest CNC mills and lathes to provide fully machined castings. Our sanding and surface finishing capabilities include:

Shot blasting

In addition, we offer surface treatments such as:

Powder coating

All of these are available at **Supercast**, your one-stop shop for casting needs.

Casting are produced for various industries such as Engineering, Switch Gear, Lighting, Flame Proof, Electrical, Textile, Furniture, etc

We are committed to manufacture & supply casting components to achieve total customer satisfaction.

We would enjoy hearing from you!

Please call, email or stop-by at your convenience.

Chirag Shah, Rajesh Shah
(9833277948) (9833277950)

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Gala no.10 & 19, Oberoi Industrial Estate,
Nr.Dr. Waghmare Hospital,
Opp. Varun Steel,
Chianchpada, Waliv Road, Vasai East,
Maharashtra, India.

Tele: 9833277948, 7710035984.

E.mail: supcast1964@gmail.com, supercast1964@gmail.com

Web: www.supercastfounders.com; www.supercast.net; www.aluminiumcast.co.in



List of Machineries

- PDC 120 Ton machine
- PDC 250 Ton machine
- PDC 400 Ton machine
- GDC Hydraulic machine 1 no
- Electric Furnace 3nos
- Compressor 5HP & 7HP
- Bandsaw Machine 2 nos
- Belt Grinder 2 nos
- Sander machine 4 nos
- Pneumatic Hammer 1 no.
- Sand Mixing Machine 1no.
- CNC Turning Centre 1 no.
- Convetional Lathe Machine 2 nos
- Drilling Machine
- Radial Drill Machine
- Tapping Machine
- Plant of Investment Casting