



Balaji Krishna Engitech

Ensuring "Quality Castings"

"Innovation is not always about doing different things,
it also encompasses doing things differently"



About Us

Balaji Krishna Engitech founded in the year 2012 in the industrial hub of Adityapur in Jamshedpur is engaged in the manufacturing of Ferrous Steel Castings, Forging, Fabrication with an installed production capacity of 2000 MT per annum.

Last 7 years, we have developed products in diversified industries such as Steel, Mining etc. and gained significant operational expertise of their production.

With a clear goal to create value for our customer through commitment of timely delivery competitive price and constant innovation Balaji Krishna Engitech promises to bring "Quality Castings."

Some of our Product pictures

Kiln Outlet
Side Plate-ni-hard
Blow Bars
Engineering Products
Grinding Media Balls
Manganese Steel Hammers



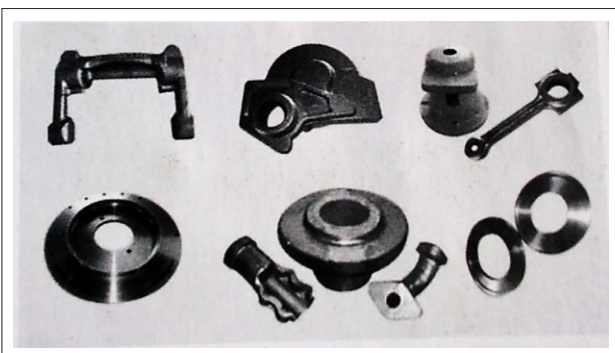
Message

Welcome to the Balaji Krishna Engitech culture.

We are a very young company steered by a motivated management with diverse backgrounds and set of experiences that they bring to the table.

Foundry, Forging, Fabrication industry in India is predominantly unorganized and inspite of around 2000 small and medium scale industries are still huge demand for "quality" suppliers in diverse industrial applications. This is the raison d'être for the formation of Balaji Krishna Engitech, i.e. to bridge the demand and supply gap of quality castings.

Sanjeev Kundu
Patner



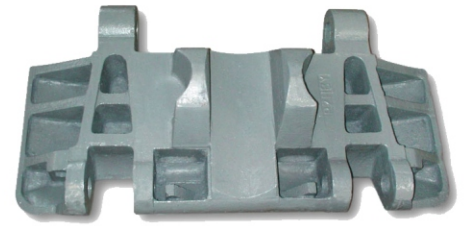
Mission Statement

We, at Balaji Krishna Engitech are committed to provide quality ferrous casting, Forging, Fabrication, parts by deploying trained personnel along with adequate resources in all respects and striving at continuous process and product development.

The company supports these goals with a corporate philosophy of adhering to the highest ethical conduct in all its business dealings, treatment of its employees, social and environment policies.

Product & Grades Analysis

Our product line includes most common ferrous alloys like Cast Steel. Manganese Steel to complicated metallurgies like Heat Resistant, Stainless Steel Casting, Perforated Plate, Ms. Rotary Screen, Vib. Screen, Square Head Bolt, Ec Shaft, Foundation Bolt, Conveyor Idler, Bracket Balaji Krishna Engitech has earned a reputation for fast deliveries, superior quality, competitive pricing and outstanding customer service.



Track Pad
(Earth Moving Industry)



Jaw Plate



Concave Ring & Mantle (Crusher Wear Parts)



Balaji Krishna Engitech is proud to offer products cast in many grades of ferrous alloys. Our material grade specialties includes the following:

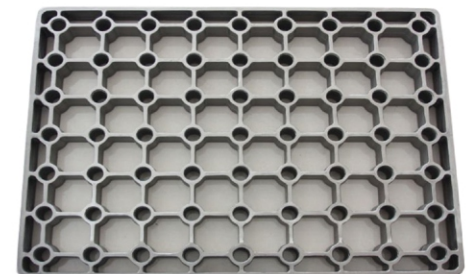
STEEL CASTINGS

- ASTM A27 steel castings for general applications.
- ASTM A27, GRADE-60-30
- ASTM A27, GRADE-65-35
- ASTM A27, GRADE-70-36
- ASTM A27, GRADE-70-40
- ASTM A216, GRADE WCB
- ASTM A216, GRADE WCC
- ASTM A216, GRADE CF8

IMPACT RESISTANT CASTINGS

ASTM A128 STEEL CASTINGS
Austenitic Manganese

- ASTM A128, GRADE A
- ASTM A128, GRADE B
- ASTM A128, GRADE C
- ASTM A128, GRADE D



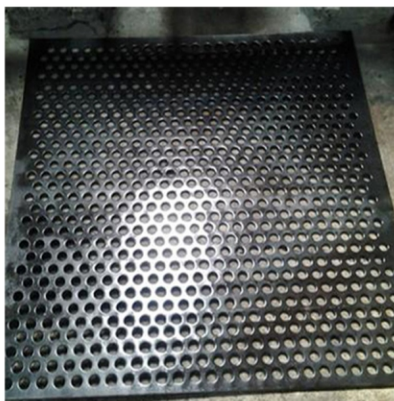
HEAT TREATMENT TRAY
(Heat Resistant)

HEAT TREATED ALLOY STEEL CASTINGS

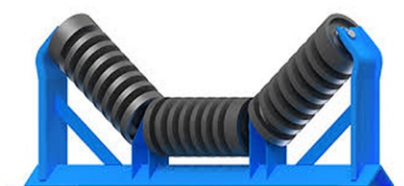
- ASTM A148, GRADE 80-40
- ASTM A148, GRADE 80-50
- ASTM A148, GRADE 90-60
- ASTM A148, GRADE 105-85
- ASTM A148, GRADE 115-95
- ASTM A148, GRADE 130-115
- ASTM A297, GRADE HK
- ASTM A297, GRADE HU
- ASTM A297, GRADE HN



Pulley
(Machine Manufacturers)



Ms vib. Screen



Impact Idler



Impact Idler Roller



Square Head Bolt

• Apart from the above material grades, we have also developed more than 500 different grade for our customer proficiency standard.

Design and Development

The Company has Designing team, with decades of experience who use CAD/CAM , Pro E and Auto cast simulation softwares for quick and quality development of new castings.

Moulding and Sand System

Any high quality casting begins with a high-quality mould. We generally follow 4 systems of moulding:

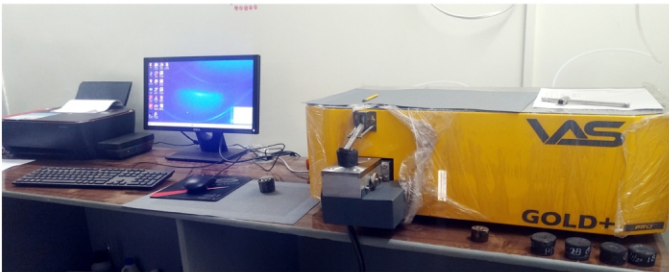
- Phenolic Urethane No Bake (3 parts and 2 parts)
- CO2
- Green Sand
- Resin Sand.

There is a wide range of boxes. The Core making facilities available include No Bake, CO2 and Shell process.

Quality Management Vision

Company’s vision is “to consistently manufacture and supply quality castings that satisfy the customer needs, conform to the applicable regulation, national and international quality standards, which is achieved through continual improvement in our Quality management system”.

Our motto is to achieve complete customer satisfaction by meeting the Quality Standards and constantly developing high Quality engineering & services demands. We have an integrated team having full knowledge, technology, expertise, resources to deliver time bound Quality Casting.



PatternShop

Our facility is equipped with a state of the art pattern shop that has the ability to manufacture, maintain as well as repair patterns. We have also associated with some top pattern makers for Aluminum and other pattern types.

Melting

We are equipped with 2 Nos induction furnace. supplied by M/s Electrotherm Limited, the world-class manufacturer of induction furnaces.



Quality Control Process

Every casting, Forging, Fabrication produced at Balaji Krishna Engitech is subjected to a series of quality checks to ensure Total Quality Control. Statistical methods are employed to the created sample batches which are tested for various laid down process parameters in each stage of production. The parameters are described in the quality manual which has been designed to meet international specifications.

Heat Treatment

We have an oil fired Heat Treatment facility with mechanized water quenching. It is a fork lift type furnace and up to 6 Tons in a single batch. It also facilitates automatic controlling and recording and is equipped with 6-point temperature scanner for ensuring uniformity in temperature to $\pm 15^{\circ}\text{C}$.

The heat treatment carried out includes

- Annealing
- Stress relieving
- Normalizing
- Tempering

Fettling

To ensure a consistent surface finish for our castings the grinding facilities includes:

- Swing Pedestal grinders
- Bench and hand grinders
- Pencil grinders



Office & Works:

Balaji Krishna Engitech

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