



ONE STEP  
**SOLUTION**  
FOR MACHINED  
**IRON CASTINGS**



**VEEJEI AUTOMATION  
PRIVATE LIMITED**

[www.veejei.com](http://www.veejei.com)

# About Us

The foundation of **Veejei Automation Private Limited** was placed in the year 2007.

The unit was started with a team of well qualified, experienced Metallurgists and Mechanical Engineers for the manufacture of Grey Iron, and Ductile iron (S.G. Iron) Castings with investment of INR 300 million. Total land area is 5.75 Acres and an installed capacity of 25000 tons liquid Metal /annum in a plot of 75,000 Sq. fts.

**Veejei Automation Private Limited** provides complete solutions for the casting requirements. We have, to our credit, the experience of having developed more than 280 products, supported more than 15 customers operating in different market sectors since inception.

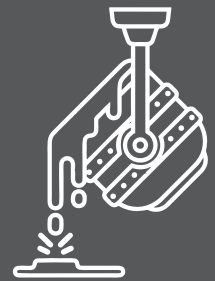
## GRADES

### S.G Iron Castings

400/12, 400/15, 400/18, 450/10, 500/7, 600/3, 600/10, 650/5 and 700/2.

### Gray Iron Castings :

FG150, FG 220, FG 260, FG 300



## Applications

- Power Transmission Industry
- Marine Industry
- Earth Moving Equipment
- Material handling Equipment
- Valve Industry
- Pump Industry
- Lift & Elevators Industry



# INFRASTRUCTURE

## Moulding

Equipped with ARPA 450 & 1300 Jolt and Squeeze Moulding Machines

ARPA 450 Moulding Line  
30 Moulds/Hour.  
Box size:650x700x250mm

ARPA 1300 Moulding Line  
10 Moulds/Hour.  
Box size:1000x1200x325mm.



## Melting & Pouring

Following best practice of melting techniques with energy efficient induction furnaces



Inductotherm Make : Duraline Furnace

1000 Kgs – 1 No

2000 Kgs – 1 No

3000KW/500 Hz VIP-I Series IGBT Dual Mode-R-LI

Inverters of 1500KW & Converter of 3000KW

12 PHASE- 24 PULSE

I-Optimizer Plus – 1 No



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**ADVANCED INFRASTRUCTURE FOR  
HIGH QUALITY CASTINGS**

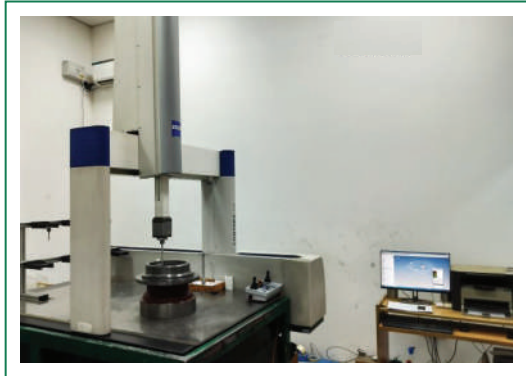
**OVER TWO DECADES OF EXCELLENCE**



# Machine Shop

Our in house CNC Machine shop makes us one stop solution for machined iron castings

| Equipment                   | Quantity | Bed Size ( mm ) | Swing Size / Traverse Size |
|-----------------------------|----------|-----------------|----------------------------|
| Vertical Turning Center     | 15       | X-850, Z-800    | 1000mm Max                 |
| Horizontal Machining Center | 2        | 800 x 630       | 1050 mm Max                |
| Vertical Machining Center   | 8        | 1250 x 600      | Y-610, Z-610, X-1050       |
| Horizontal Turning Center   | 6        | X-300, Z-900    | 400mm                      |



## Testing & Quality Analysis

For measuring the physical geometrical characteristics

Co-ordinate Measuring Machine (cmm)

Make : CARL ZEISS (Germany)  
Size : X 1200mm, Y 1600mm and Z 600mm  
Accuracy : 0.001 milli microns

## Products



**VEEJEI AUTOMATION  
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