WE WELCOME YOU TO JMT CASTINGS GROUP
THE COMPANIES ARE SITUATED IN SURAT, GUJARAT

- It is 15 KMS away from Surat Domestic Airport
- It is 20 KMS away from Surat Railway Station & 1 KM away from Sachin Railway Station
- It is in the midst of Ahmedabad Mumbai Highway having distance of 280 KMS on both the ends
- It is logistically very ideal being on the busiest N.H. 8
- There is abundant labour force available due to Surat being a textile as well as diamond hub of the nation
THE GROUP CONSISTS OF DIFFERENT FOUNDRIES AT VARIOUS LOCATIONS MAINLY CATERING FERROUS CASTINGS TO DIVERSIFIED INDUSTRIAL SECTORS. THE ACTIVITIES OTHER THAN MANUFACTURING CASTINGS SUCH AS MACHINING, GALVANIZING, POWDER COATING, HEAT TREATMENT OR ANY VALUE ADDED SERVICES ARE ALSO RENDERED BY THE COMPANY.
WE CATER FOLLOWING INDUSTRIES:

- WE ENJOY SECOND POSITION IN THE SUPPLY OF SOLID / HOLLOW CORE **INSULATOR CASTINGS** NATIONWIDE.
- WE HAVE EARNED A VERY GOOD REPUTE IN CATERING FLOW CONTROL EQUIPMENTS LIKE **VALVES, PUMPS**, DIFFUSERS, TURBINES OR ANY PRESSURE CONTROLLING PARTS
AFTER BEING SUCCESSFUL IN OTHER AREAS WE HAVE RECENTLY FOCUSED INTO AUTO MOBILE SECTOR AND WE ARE ALREADY EITHER SUPPLYING OR ARE IN THE DEVELOPMENT STAGE WITH FOLLOWING AUTO / AUTO COMPONENT MANUFACTURERS:
1. MITA INDIA PVT LTD
   (ITALY BASED CO. MFG. HYDRAULIC SYSTEM ASSEMBLY FOR TRACTORS WORLDWIDE)

2. RICO AUTO INDUSTRIES LTD
   (AUTO COMPONENT MFG & MAJOR SUPPLIER TO EATON, THE U.S., WHERE WE SUPPLY AROUND 6000 GEAR CASE COVER CASTINGS PER MONTH)

3. CARRARO INDIA

4. ZF STEERING GEARS (I ) PVT LTD

5. EICHER TRACTORS

6. MAHINDRA SONA LTD

7. MADRAS ENGINEERING INDUSTRIES PVT LTD
PLANT LAY OUT
Vision & Mission

Our Vision

“The vision of JMT Castings is to put up global quality standards into its castings, always keeping in view total customer satisfaction and continuous improvement as the core of its activities, striving restlessly.”

Our Mission

“JMT will provide quality assured, cost effective and timely delivered, ferrous components, meeting small to medium volume requirements of customers, while striving to be the most environmental friendly foundry.”
QUALITY POLICY

WE AT JMT INDIA INC ARE TO MANUFACTURE & SUPPLY OF “S.G IRON & CAST IRON AS PER CUSTOMER SPECIFICATION” WE ARE COMMITTED TO CONTINUAL IMPROVEMENT IN PERFORMANCE THROUGH EFFECTIVE IMPLEMENTATION OF QUALITY MANAGEMENT SYSTEM
QUALITY OBJECTIVES

TO ACHIEVE QUALITY POLICY FOLLOWING QUALITY OBJECTIVES ARE KEPT IN FOCUS WHILE CARRYING OUT ALL OUR ACTIVITIES

• To achieve customer satisfaction through data generated from the Customer Feedback received from customers.
• To resolve customer complaints in the shortest possible time (Within Week) & to reduce Customer complaints (0.001)
• To reduce the rejection & rework in all stages of manufacturing (0.5%)
• To deliver the products in time (Within Delivery)
• To retain employees for their job related knowledge and skill (When recruit New Employee)
• To continually improve the effectiveness of Quality Management System by relevant findings.
Production Capabilities

(Process & Equipmentwise)

A. Melting:
   Induction Furnaces - 1 Panel (Dual Track) with 2 Crucibles. Melting capacity 40 tons per day liquid metal aggregating 10,000 Tons Good Castings per annum. A Gang of Treatment & pouring ladles for maximum size upto 5 tons per single piece.

B. Sand Processing:
   Green Sand conditioning plants with a capacity of 300 M. T. of processed moulding sand per day with state of art fluidized bed & rotary drum type sand cooling system equipped with pollution control equipment. Silicate Sand mixtures with Auto Binder addition Pumps with sand attrition & reclamation plant equipped with pollution control equipment.
C. Moulding :
Moulding line equipped with ARPA 450 & ARPA 300 equivalent simultaneous jolt squeeze moulding machines capable of producing 3000 moulds per day, supported by hydraulically operated mould handling system.

Hand moulding facility upto 3.0 * 3.0 mtrs. Box size by silicate and chemically bonded sand process.

D. Core Making :
Vertical & Horizontal parting shell core shooter machines.
Sand mixtures with Auto Binder addition Pumps for CO₂ & Single part no-bake cores.

E. Component Dressing And Finishing :
A chain of fully automatic shot blasting machines equipped with dust collection units. A full line of swing frame, pedestal, bench and pencil grinders.
F. Heat Treatment:
Oil fired bell type furnace of 2 tons per batch capacity with auto temperature controller with 3 pen graph plotter suitable for stress relieving, annealing, normalizing, tempering, etc heat treatment process.

G. Machining:
A Set of conventional and CNC machines suitable for various type of jobs. (Outsourced)

H. Surface Treatment:
Crucible type fully equipped gas fired & electric hot dip galvanizing plant. (Outsourced)
Trolley type diesel fired oven and booth type powder coating facility.

I. Pattern Making:
A Full fledged pattern development facility with experienced team.
MELTING FURNACE
MOULDING MACHINE
MOULDING MACHINE
MOULDING & POURING AREA
MOLTEN METAL POURING
MONORAIL POURING LADLE
POURING AREA
PATTERNS IN STAND
LATHE MACHINE_HIGH CAPACITY
RADIAL DRILLING MACHINE
LATHE MACHINE
RADIAL DRILLING MACHINE
LATHE MACHINE
CORE SHOP
CORE MAKING AREA
JMT GENERAL STORES
SCRAP YARD
SHOT BLASTING MACHINE
FETTLING AREA
FETTLING AREA
FETTLING AREA
SPECTRO METER
IMAGE ANALYZER
IMAGE ANALYZER
CE METER
sieve shaker
SAND RAMMER
G.C.S. MACHINE
LAB WEIGHING INSTRUMENT
COMPATIBILITY TESTING MACHINE
PERMEABILITY METER
OFFICE BUILDING
(Under Construction)
RECEPTION AREA
OFFICES
ADMIN OFFICE
Valued Customers

Category : Automobile & Oil Engine Castings

- Mita India Pvt. Ltd.,
- Rico Auto Industries Ltd.,
- Mahindra Sona Ltd.,
- Madras Engg. Industries Pvt. Ltd.

Category : Insulators Metal Part Castings

- Aditya Birla Insulators.
- Modern Insulators Ltd.,
- Insulators & Electricals Co. Ltd.
- Saravana Global Energy Ltd.,
- RNG Exports,
- Capso Engineers
Category: Valves & its Transmission Products

- Tyco Valves And Controls (I) P. Ltd.,
- Liquid Controls India Pvt. Ltd.,
- Indian Valve Pvt. Ltd.,
- Dembla Valves Ltd.,
- Kent Introl (I) P. Ltd., (Formerly ABB)
- Ameya Transmission

Category: Electric Motors, Pumps and Machine Tools

- Jyoti Ltd., (Pump & Turbine),
- Batliboi Ltd., (Machine Tools),
- Solitaire Machine Tools.

Category: Agro Machinery, Textile Machinery & others

- Jadhao Gears (Agro Machinery)
- Alidhra Tex. Engineers Ltd.,
- EMS India Incorporation.
PRODUCTS MANUFACTURED AT JMT
REAR CASE CASTING
RICO AUTO
CI GRADE G3000 AS PER SAE J 431
REAR CASE CASTING
RICCO AUTO
CI GRADE G3000 AS PER SAE J 431
M35 HOUSING CASTING
MITA INDIA PVT LTD
CI GRADE FG 260 AS PER IS 210
M35 HOUSING CASTING

MITA INDIA PVT LTD
CI GRADE FG 260 AS PER IS 210
AGCO HOUSING CASTING
MITA INDIA PVT LTD
CI GRADE FG 260 AS PER IS 210
SOLID CORE FLANGES
(INSULATOR METAL PARTS) DULY GALVANIZED
INSULATOR FAMILY
RAILWAY INSULATORS
SOCKET TYPE CAPS
SG IRON GRADE 400/18
LONG ROD INSULATORS CAPS
SG IRON GRADE 400/18
LONG ROD INSULATORS CAPS
SG IRON GRADE 400/18
LENKER CASTING FOR SEIMENS
SG IRON GRADE GGG 40 AS PER DIN 1693
YOKE CASTINGS
SG IRON GRADE 400/12 AS PER IS 1865
YOKE CASTINGS
SG IRON GRADE 400/12 AS PER IS 1865
DIFFUSERS CASTINGS

MADE IN SHELL CORE ASSEMBLY FOR JYOTI LTD
HEAVY CASTING FOR
JORD ENGINEERS, AUSTRALIA
WEIGHT 1200 KGS
BUTTERFLY VALVE CASTING
FOR INDIAN VALVE CO
WEIGHT 730 KGS
BUTTERFLY VALVE CASTING
FOR INDIAN VALVE CO
WEIGHT 420 & 650 KGS
ANCHOR CASTINGS
DYNAMIC PRESTRESS I PVT LTD
FOR CONSTRUCTION INDUSTRY
GROUND ANCHOR CONE
PLATIPUS, UK
ANCHOR CASTINGS
DYNAMIC PRESTRESS I PVT LTD
FOR CONSTRUCTION INDUSTRY
### S.G. Iron (Ductile Iron) Castings:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Microstructure</th>
<th>process observed to determine</th>
</tr>
</thead>
<tbody>
<tr>
<td>SGI 350/22</td>
<td><em>Fully Ferritic</em></td>
<td>As Cast as well as Annealed</td>
</tr>
<tr>
<td>SGI 370/17</td>
<td><em>Fully Ferritic</em></td>
<td>As Cast Produced</td>
</tr>
<tr>
<td>SGI 400/18</td>
<td><em>Fully Ferritic</em></td>
<td>As Cast Produced</td>
</tr>
<tr>
<td>SGI 400/15</td>
<td><em>Fully Ferritic</em></td>
<td>As Cast Produced</td>
</tr>
<tr>
<td>SGI 400/12</td>
<td><em>Fully Ferritic</em></td>
<td>As Cast Produced</td>
</tr>
<tr>
<td>SGI 420/12</td>
<td><em>Fully Ferritic</em></td>
<td>As Cast Produced</td>
</tr>
<tr>
<td>SGI 450/10</td>
<td><em>Fully Ferritic</em></td>
<td>As Cast Produced</td>
</tr>
<tr>
<td>SGI 500/7</td>
<td><em>Pearlite+Ferrite</em></td>
<td>As Cast Produced</td>
</tr>
<tr>
<td>SGI 550/6</td>
<td><em>Pearlite+Ferrite</em></td>
<td>As Cast Produced</td>
</tr>
<tr>
<td>SGI 600/3</td>
<td><em>Dominantly Pearlite</em></td>
<td>As Cast Produced</td>
</tr>
<tr>
<td>SGI 700/2</td>
<td><em>Dominantly Pearlite</em></td>
<td>As Cast as well as normalized</td>
</tr>
<tr>
<td>SGI 800/2</td>
<td><em>Dominantly Pearlite</em></td>
<td>As Cast as well as Normalized</td>
</tr>
</tbody>
</table>

In addition to above, the Alloying Combination with any of the above grades is also methodically carried on
Recent Development:

- Austenitic Ductile Iron Grade D – 2 as per ASTM – A 439
- (18 TO 22 % Nickel Addition).
- Highly Ferritic Grade GGG 40.3 as per DIN – 1693 : 1973
  Or
- EN-GJS-400/18 (LT) as per EN 1560 which can with stand
- An average Impact Resistance Values upto 13 JOULES
Gray Cast Iron Castings

- Is developed in various grades Viz. Grade – 150, 200, 250, 300, 350. (Where grade – 150 denotes minimum Tensile Strength in N/MM²)

Alloyed Iron or Special Application Castings

- In addition to S.G. Iron & Cast Iron castings we have developed various special purpose Alloyed Iron castings to be used for Wear & Abrasion Resistance, Temperature resistance, Corrosion & scale resistance, etc. in different combination of Alloys.

**Note:** Above stated grades as well as any other customized grades can be successfully developed on request. The grades mentioned above specify Tensile Strength in N/ MM Sq. & Elongation in percentage. So, the indigenous as well international grades can be easily compared with these values.
WE THANK YOU FOR THE VALUABLE TIME SPENT TO VIEW OUR PRESENTATION & WE WISH YOU A VERY GOOD DAY