



# JOTHI GROUP

Making Commitments Work



## Jothi Group

Jothi group is a foundry and machining group with over 50+ years of experience in the production of Ductile and Grey iron castings, specialising in safety critical castings with unmatched quality, precision and expertise. Being a renowned casting manufacturer in the Automotive, Pumps, Valves, Railways, Defence, and Tractor segments, Jothi Group boasts a production capacity of 36,000 TPA.

**Vision: "To emerge as the unparalleled global leader in the Ferrous Casting industry and remain the ultimate choice of customers."**



## JOTHI GROUP MAJOR MILESTONES



### Certifications



## DISAMATIC C3 – Fully Automatic VERTICAL 1 Line – Flaskless High-Pressure Moulding

### Mould Size

650mm x 535mm x 120/340 mm

### Moulding Speed

250 Moulds / Hour

### Weight Range

0.5 Kgs to 30 Kgs

### Capacity

16000 MT / Annum

### Grade

Ductile Iron / Grey Iron

## DISA MATCH 130 – Fully Automatic HORIZONTAL 2 Lines – Flaskless High-Pressure Moulding

### Mould Size

508mm x 610mm x 300/400mm

### Moulding Speed

160 Moulds / Hour

### Weight Range

0.5kg to 50kgs

### Capacity

16000 MT / Annum

### Grade

Ductile Iron / Grey Iron



## Arpa 900 – Jolt and Squeeze Moulding with Flask 2 Lines

### Mould Size

1 – 970mm x 740mm x 600mm

2 – 970mm x 910mm x 600mm

### Moulding Speed

40 Moulds / Hour

### Weight Range

20 to 200 Kg

### Capacity

18000 MT – Annum

### Grade

Ductile Iron / Grey Iron

### FRAME CASTING



### HOUSING



### DIFF CASE



### BODY REAR SECTION



### BRACKET



### PLAIN HALF



## Melting

1 Unit 500 kg Mono Track

1 Unit 1000 kg Mono Track

2 Unit 1000 Kg Dual Track

2 Unit 1500 Kg Dual Track



## Sand Plant

Fully Automated Sand Plant from DISA

Green Sand Multi Controllers

Sand Coolers from DISA



## Core Making

Multitude of CO<sup>2</sup> Core, Shell & Cold Box Core Machines

### Cold box core machines

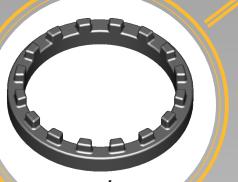
Machine Capacity	No. of Machines
10kg Horizontal	2
20kg Vertical	6
30kg Horizontal	1
100kg Horizontal	2

### Shell core machines

Machine Capacity	No. of Machines
5kg	5
25kg	1

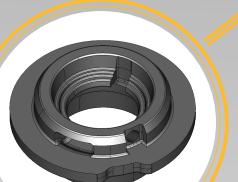


### ADJUSTER RING



Wt-0.5 kg / 1.102 lbs

### CAGE PINION



Wt-8.0 kg / 17.64 lbs

### CAGE THRU SHAFT



Wt-2.7kg / 5.95 lbs

### RDSO INSERT



Wt-1.48 kg / 3.26 lbs

### CONTROL ARM UPPER



Wt-49.0 kg / 108.04 lbs

### BEV



Wt-3.6 kg / 7.93 lbs

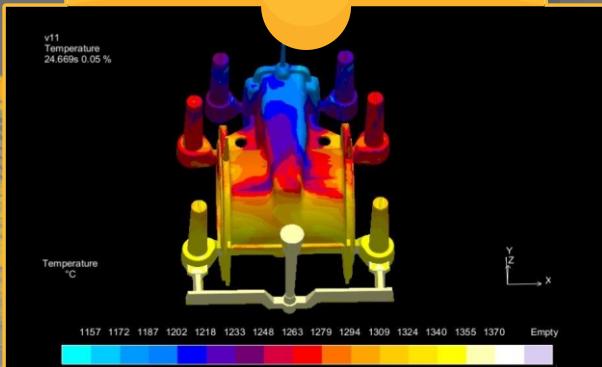
## New Product Development

### CAD/CAM Design Work Stations

Pattern machining centers

MAGMA simulation software

RPT (Rapid Prototyping Machine)  
for extremely short lead times



## Laboratory

### Spectrometers

UTMs & Microscopes

Tensometers

General Sandtesting Equipments

Material Testing Equipments



## CMM Machine



## SEAT SPRING CASTING



## BRACKET CAST



## AXLE HOUSING



## Machining Division

### CNCs,VMCs & VTLs

Honing & Broaching Machines

Induction Hardening Machines

Grinding Machines and SPMs

CMM Accuracy 0.003mm

Scanner Accuracy 0.020mm



## Scan Machine



## GATE VALVE BODY



## KNIFE GATE VALVE



## PLAIN HALF



## OUR PROUD CUSTOMERS



## OUR MANUFACTURING UNITS

Jothi Malleables Private Limited, our parent company established in 1973, specializes in production and machining of light-medium weight castings and is equipped with a capacity of 32,000 TPA.

Jothi Micro Cast Private Limited, our group company established in 1984, specializes in heavy-weight casting manufacturing and has a production capacity of 18,000 TPA.

### Corporate Office

## Jothi Group

📍 B - 22, Shastri Road, Thillai Nagar,  
Trichy - 620 018, Tamil Nadu - India.

🌐 [www.jothigroup.com](http://www.jothigroup.com)

✉️ [mktg@jmplgroups.com](mailto:mktg@jmplgroups.com) & [marketing@jmplgroups.com](mailto:marketing@jmplgroups.com)

Website



(Plant Video Available)