



Technocast Foundry

Casting the future . .

ISO / TS 16949 : 2009,
ISO 14001 : 2004 &
OHSAS 18001:2007 certified



Manufacturers of
Machined Grey & Ductile Iron Castings
(High Pressure Molding & Shell Molding)

INFRASTRUCTURE

Total land Area	:	30,000	Sq Meters / 3,00,000 Sq Feet
Foundry Office Area	:	1,000	Sq Meters / 10,000 Sq Feet
Foundry Work Area	:	11,000	Sq Meters / 1,10,000 Sq Feet
Machine Shop Office Area	:	1,000	Sq Meters / 10,000 Sq Feet
Machine Shop Work Area	:	2,500	Sq Meters / 25,000 Sq Feet



Foundry Premises



Foundry Work Area



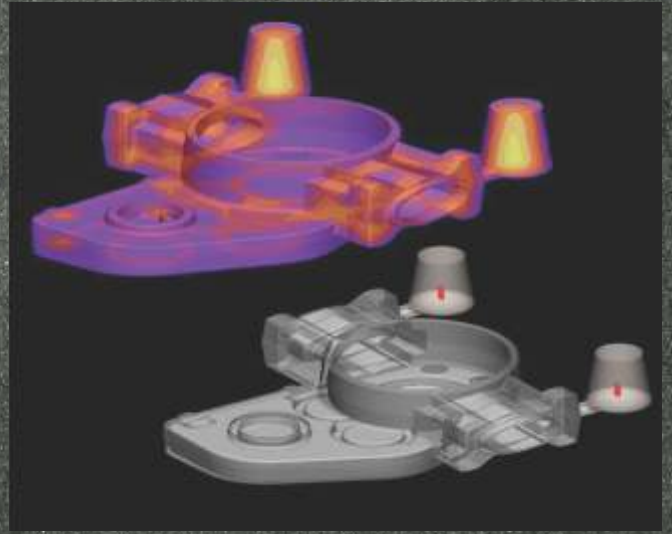
Machine Shop Premises



Machine Shop Work Area

DEVELOPMENT FACILITIES

- ✳ Tooling Development is supported with CAD / CAM & Simulation Software facilities Which minimizes the development time.
- ✳ Engineering team capable of submitting all parts with APQP, FMEA, CONTROL PLAN, SPC, MSA, PSW, PPAP.



CORE SHOP FACILITIES

- ✳ A Shell core shooter of 5 kg capacity
 - ✳ CO2 Core making facility with 10 tables
 - ✳ Core oven for baking of cores after Coating process.
 - ✳ Nozzle blast machine to clean the intricate Shell Core areas
 - ✳ Endoscopy machine to inspect cleanliness of intricate core areas
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- ✳ 3 Nos of Cold box Core Shooter of 5 Kgs, 10 Kgs and 15 kgs capacity



MOLDING FACILITY

4 Station Shell Molding Machine - 2Nos

Production Capacity: 1200 Molds/day/Mc

Mold Size : 600 x 480 mm

Casting weight Range : 0.1 kg to 20 kg/pc



HIGH PRESSURE LINE (Horizontal)

DISA MATCH 130 (20"x24")

Mold Size : 510 x 610 x 200mm x 2

Production Capacity: 160Molds/Hour

Casting weight Range : 40 kg/pc Maximum



SAND PLANT

Sand Plant of 40 Tons/Hr Capacity

Supported by DISA SAM 40 High
Speed Mixer - 1000kg Capacity

ARPA 1300

Mold Size : 1200 x 1000 x 325mm x 2

Casting Weight Range : upto 400 kg/pc



MELTING FACILITY

Medium Frequency Induction Furnace

1.0 Ton - 650 Kw - 4 nos

Liquid metal capacity of 2 Ton/Hr

3 Ton EOT Crane with metal weighing

500 Kg & 1000 kg Treatment Ladles

Capacity to produce 1000 Tons/Month



LABORATORY & TESTING FACILITIES

Spectrometer : ARL (Swiss) make

29 element analyzer

Image Analyzer with camera attached
to the microscope

Sand Testing facilities

UTM, Charpy impact, Hardness testing
machines



SHOT BLASTING & FETTLING

1 Ton capacity shot blasting machine
nozzle blast machine, hydraulic runner
breaker, trimming machine, swing
frame, bench grinders, shaftless
grinders, pneumatic hand grinding
machines & tools



MACHINE SHOP



VERTICAL MACHINING CENTRES



TURNING CENTRES



VERTICAL TURNING CENTRE



HORIZONTAL MACHINING CENTRE



CMM



PROFILE PROJECTOR



DYNAMIC BALANCING



HIGH PRESSURE JET WASHING

PRODUCTS



TRUCK COMPONENTS



FORK LIFT COMPONENTS



TRACTOR COMPONENTS



INDUSTRIAL PUMP COMPONENTS



ELEVATOR COMPONENTS



TRANSMISSION COMPONENTS



AUTOMOTIVE COMPONENTS



RAILWAY BRAKE COMPONENTS



HUB & REAR COVERS



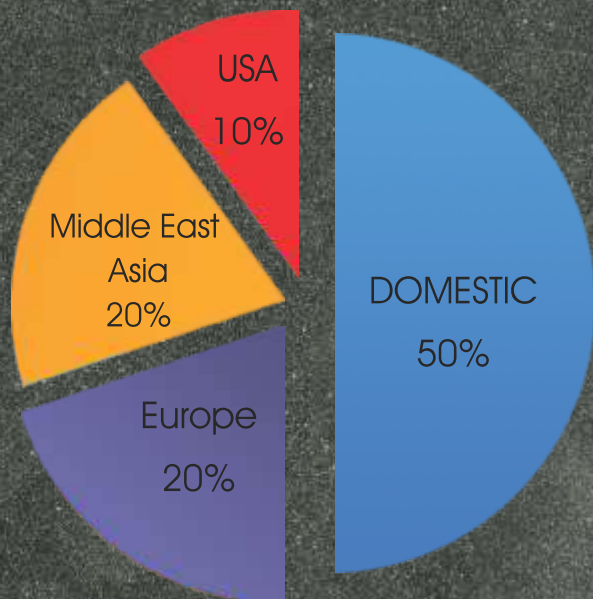
HYDRAULIC COMPONENTS



SHIFTER FORKS



GEAR HOUSING



Exporting about 50% of produce



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- ☆ Government Certified Star export house by Ministry of Commerce, India.
- ☆ Awarded for Best Exporter of Castings - 2011 by Institute of Indian Foundrymen.



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