



# MALNAD GROUP COMPANIES

## Malnad Alloy Castings Pvt Ltd - 1985

*Manufacture & Supply of Raw, Machined and Hydro tested Castings in Ferrous, Nickel and Cobalt*

## Shimoga Precision Castings Pvt Ltd - 1996

*Manufacture and Supply of Alloy Steel, Stainless Steel, Nickel Alloy Steel, Cast Iron and Cobalt Alloy Steel Castings By Investment and Sand Casting Process*

## Malnad Prime Machining Technologies - 2010

*Manufacture of Precision Machined Components*

## Malnad Alloy Castings Pvt Ltd (Laboratory Division) - 2018

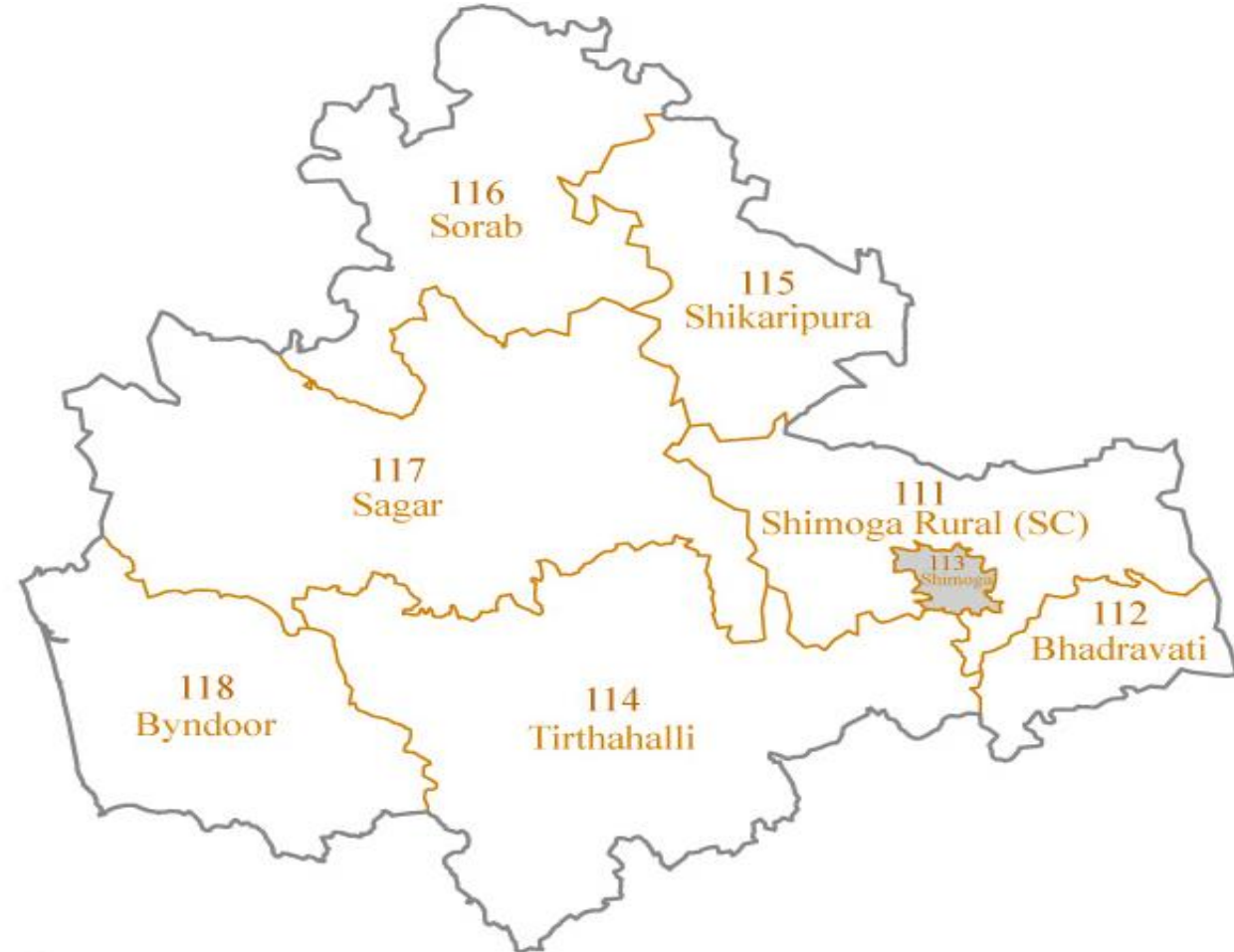
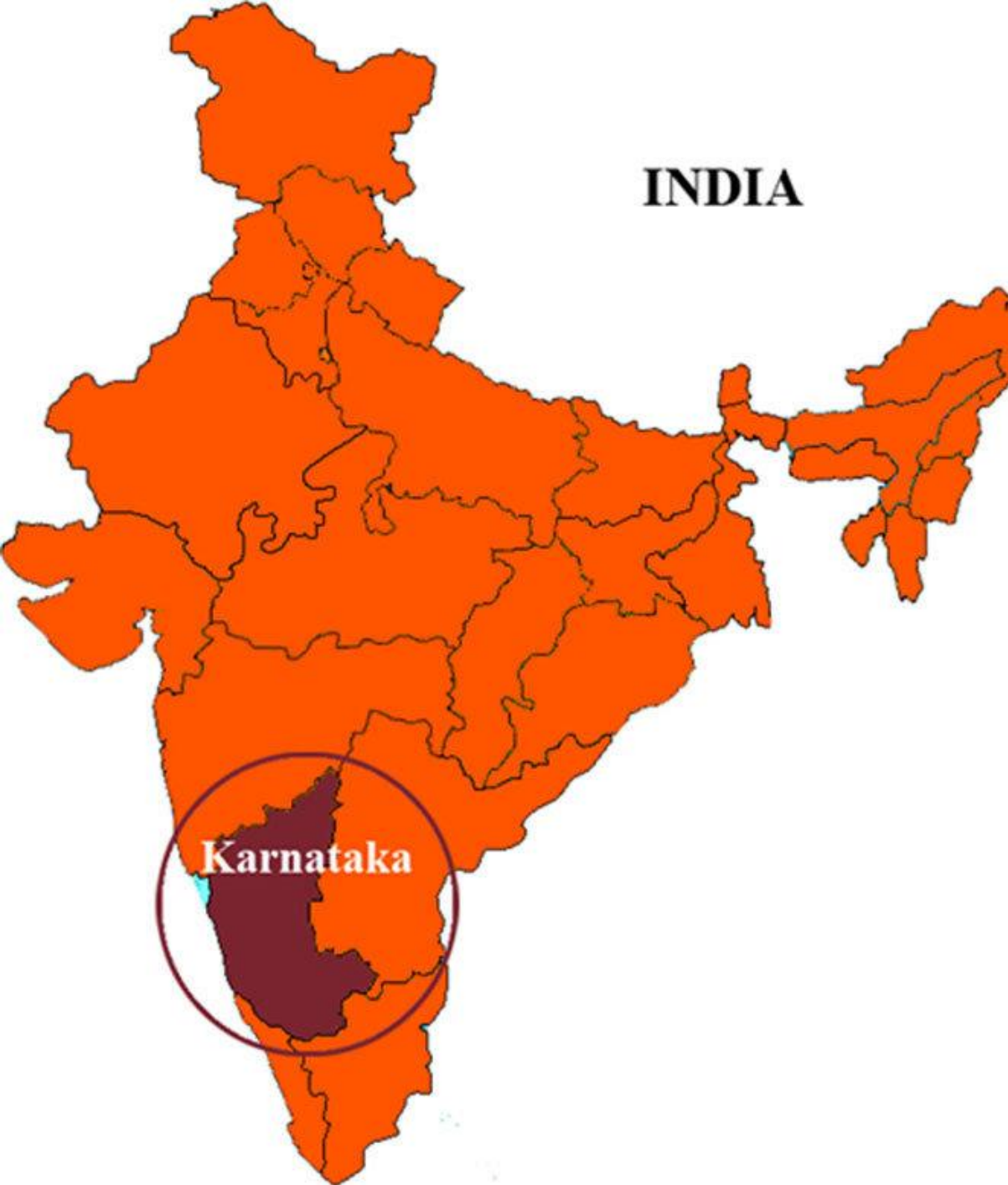
*NABL Accredited Mechanical and Chemical Testing Lab*

## Malnad Prime Machining Technologies Unit - 2

*Manufacturers of Alloy Steel, Stainless Steel, Nickel Alloy, Cobalt Alloy Castings for all International Standards.*

## Malnad Alloy Castings Pvt. Ltd Unit - 2

*Manufacturers of Alloy Steel, Stainless Steel, Nickel Alloy, Cobalt Alloy Castings for all International Standards.*



Malnad Alloy Castings Private Limited,,  
No 36A, Shimoga – Bhadravathi Industrial Area ,  
Machenahalli,  
Nidige Post  
Shimoga - 577222  
Karnataka, INDIA.

Website: [www.malnadalloycastings.com](http://www.malnadalloycastings.com)

# MANAGEMENT CONTACTS



**Y.V. Madhukar Jois**

Managing Director

[jois@malnad.co.in](mailto:jois@malnad.co.in)

+91-9900177820



**Prateek M Jois**

Executive Director

[pj@malnad.co.in](mailto:pj@malnad.co.in)

+91-9663155553



**Jagadish B S**

CEO

[ceo@malnad.co.in](mailto:ceo@malnad.co.in)

+91-9845554954

# MANAGEMENT CONTACTS



**Vynatheyan B.K**  
Nominated Director Marketing

**Vynatheyan B.K**

Director Marketing

[vynatheyan@malnad.co.in](mailto:vynatheyan@malnad.co.in)

+91-8861699975



**Abhiram J Bellur**  
Nominated Director Machine shop & Exports

**Abhiram J Bellur**

Director Machine shop  
and Exports

[exportfollowup@malnad.co.in](mailto:exportfollowup@malnad.co.in)

+91-8861002654



**Mahaveer Jain**  
Nominated Director Operations & Quality Assurance

**Mahaveer Jain**

Director Operations &  
QA

[mjain@malnad.co.in](mailto:mjain@malnad.co.in)

+91-8861002642



# VISION & MISSION

- The Vision of our company is to

\*“Become global leader for the supply of finished cast components in wide range of materials with highly committed and socially responsible employees”

- Our Mission is to

\*To meet the casting requirements of the country using latest state of the art-technology in wide range of materials at competitive cost.

\*Provide stable employment and develop highly skilled technical manpower and develop wide vendor base.

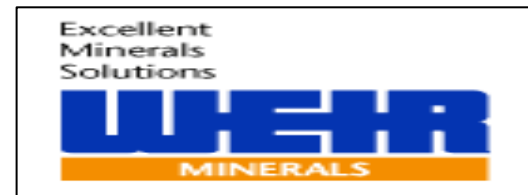
\*Adopt environmentally sound and safe technology and awareness on energy conservation.

\*Serve the community around through welfare schemes.

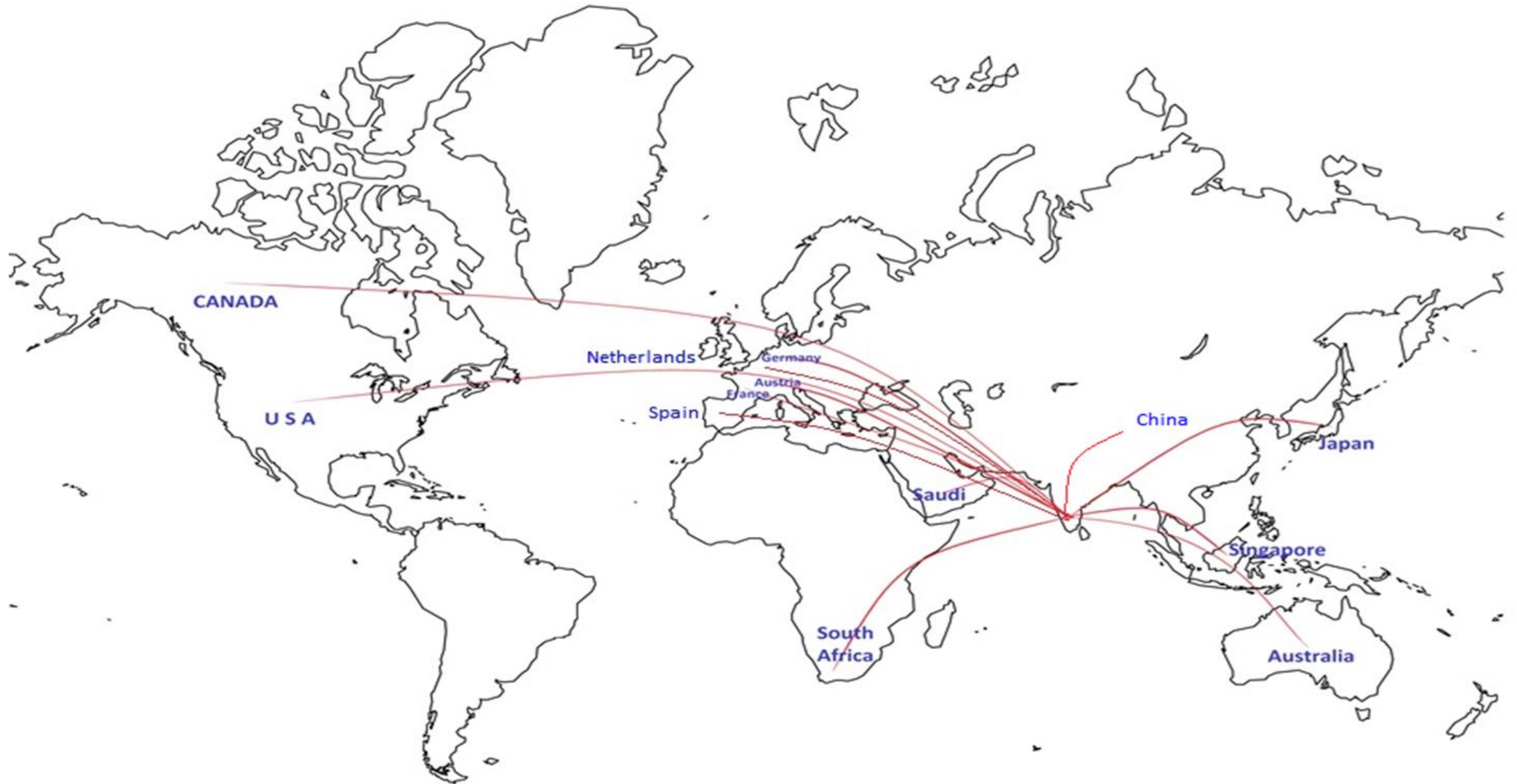
## OUR STRENGTH

- ❖ State of Art Omega Semi Automatic Mold Carousal for consistent mold quality for small & medium casting production with 120 molds/shift capacity.
- ❖ Mechanized Quenching system for Heat treatment Process.
- ❖ 10 WPS-PQR Certified Operators for various grades witnessed by TUV, Lloyds & DNV.
- ❖ Qualified weld inspector is available
- ❖ 10 Qualified Welders for handling the welding activities of various grades
- ❖ More than 15,000 Patterns with 6000 patterns live!. Traceability through ERP maintained location system and Product code.
- ❖ Exclusive storage arrangement for preservation of patterns in vertical storage using reach truck
- ❖ 50 to 60 New Products being developed every month.
- ❖ More than 2500 fully machined cast components exported / month.

# OUR MAJOR CUSTOMERS



# CUSTOMER BASE





# FOUNDRY CAPACITY

TOTAL CAPACITY - 625 MT/MONTH. UTILIZED CAPACITY - 450 MT/MONTH (IN VIEW OF RECESSION IN MARKET).

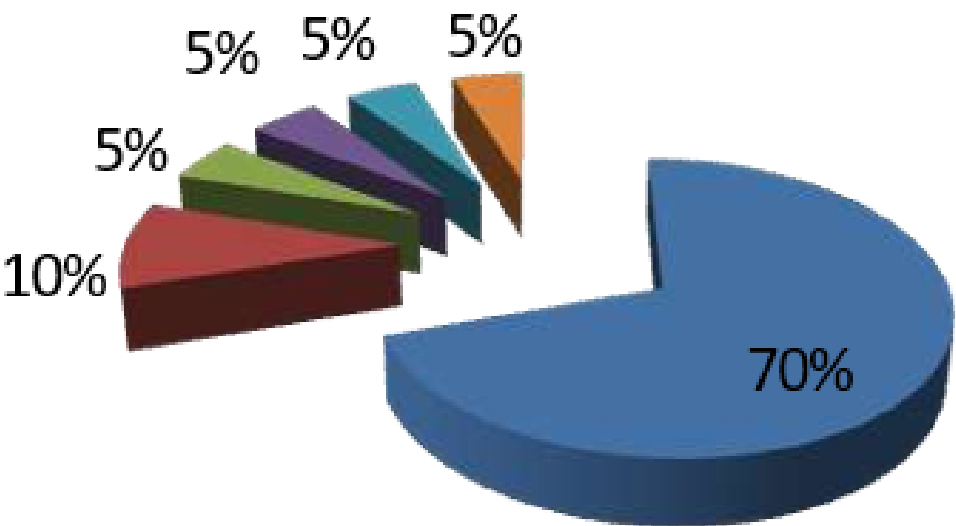
MAXIMUM SINGLE PIECE WEIGHT WE CAN PRODUCE IS 2400 KGS.



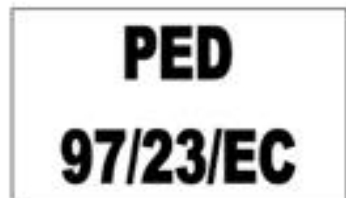


# PRODUCT MIX

- Valve components
- Pump components
- Hydraulic Components
- General Engineering
- Turbine component
- Defence Components



Ball Valve	2" to 30"	Class 150 to 1500
Globe Valve	0.5" to 12"	Class 150 to 900
Gate Valve	0.5" to 12"	Class 150 to 900
Check Valve	0.5" to 12"	Class 150 to 900
Control Valve	0.5" to 16"	Class 150 to 2500
Butterfly Valve	2" to 40"	Class 150 to 1500
Diaphragm Valve	2" to 12"	Class 150 to 300
Piston Valve	2" to 8"	Class 150 to 300
Double disc	2" to 24"	class 150 to 300
Check Valve	2" to 12"	<u>class 150 to 300</u>



## CERTIFICATES & AWARDS

- ❖ ISO 9001 : 2015
- ❖ ISO 14001:2015
- ❖ ISO 45001:2018
- ❖ Well Known Foundry Status IBR Since 1983
- ❖ PED
- ❖ AD2000 MERKBLATT W0
- ❖ Lloyds Register, Bureau Veritas Marine.
- ❖ DNV Foundry Approval
- ❖ NORSOK M-650 E-4 Process Approval for 4A, 5A & 6A. WCC, LCC & CF-8M CF-3M
- ❖ NABL ISO/IEC-17025-2017 LAB
- ❖ Export Excellence Award By Govt. Of Karnataka



**2700 Kg Casting Exported from Malnad**



**2400 Kg Butterfly Valve**

# MATERIAL OF CONSTRUCTION

## ❖ Carbon Steel

- ASTM Grades WCB,WCC,LCB,LCC LC-1 LC2-1 LC3

## ❖ Alloy Steel

- C5,C12,C-12A,WC6,WC9. CA-15

## ❖ Stainless Steel

- CF8, CF-8C, CF8M,CA,CD4MCUN, Grade 4A.
- CN7M,CF-3,CF-3M,CG8M,CA6NM, SS420. CA40, SS410, SS430,
- CB7CuN (17-4PH)

## ❖ Duplex Stainless Steel

- Grade 4A.CD3MN Gr 5A.CE3MN Gr 6A CD3MWCuN

## ❖ Nickel Base Alloys

- CW12MW, CW2M,CW6M,CW6MC,CU5MCuC,N7M,N-12MV, Monel
- All the above grades corresponding to DIN;JIS; BS,GHOST ,Indian Standards and Customer Specified grades. Hi Chrome Alloys



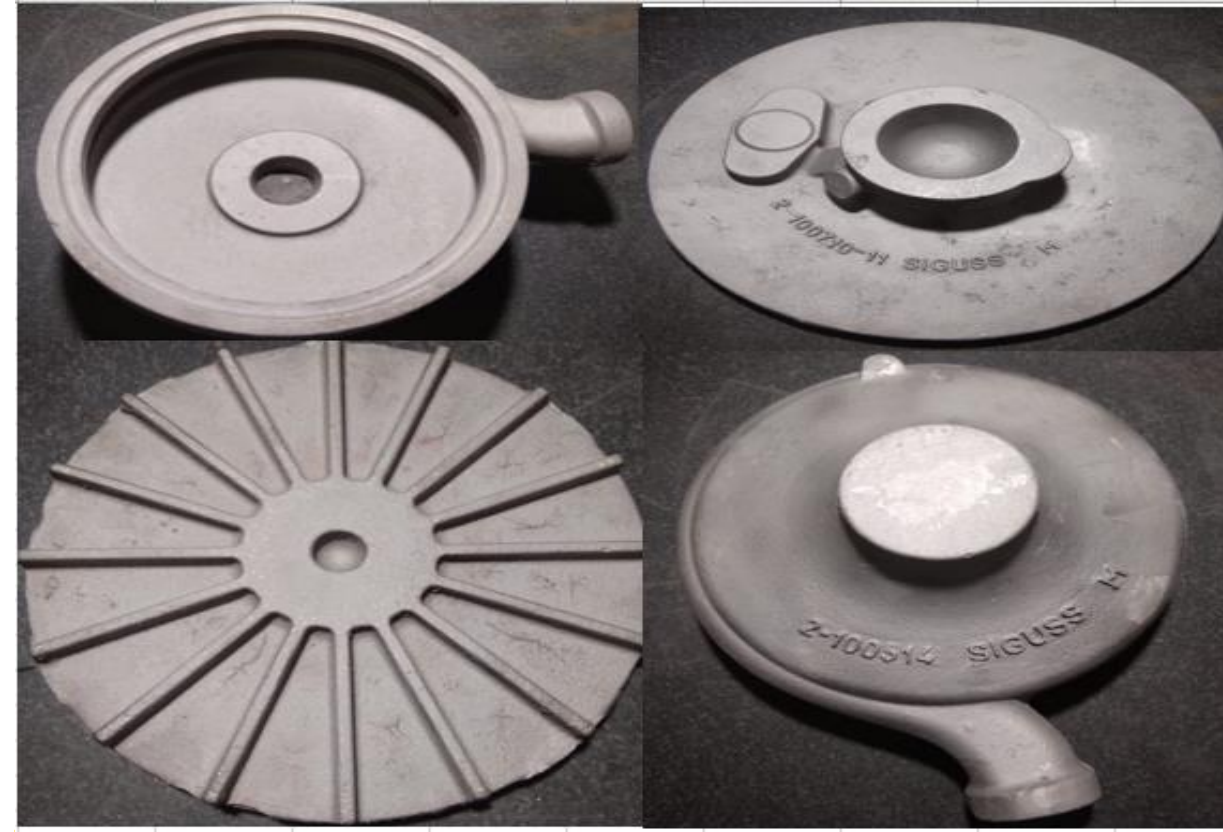
# NEW GRADES DEVELOPMENT

## White Iron(28% Cr)



HIGH CHROMIUM WHITE CAST IRONS Extremely hard Cr carbides in a Martensitic matrix at a bulk hardness of over 600 BHN offer superior abrasion and erosion resistance in crushing and milling applications.

## Hi Silicon (15% Si)



This material is chemically resistant to H<sub>2</sub>SO<sub>4</sub> at all concentrations up to boiling point, therefore for all sulphuric acid applications including the evaporation of waste sulphuric acid, Siguss is virtually used



# MOLDING TECHNOLOGY



## NO BAKE SYSTEM

Continuous Mixer	12MT/Hour	1no
Continuous Mixer	6MT/Hour	2nos
Continuous Mixer	1.5MT/Hour	2nos
Batch Mixer	150Kgs	2nos
Mechanical Sand Reclamation	4MT/Hour & 8MT/Hour	1no each
Thermal Sand Reclamation	1 MT/Hour	1no



# MANUFACTURING - MOLDING

## CORE MAKING



## MOLD COATING



# MELTING CAPACITY AND TECHNOLOGY

## Medium Frequency Induction Furnaces

750 KW

3000 Kg & 2000 Kg  
Crucible

450 KW

1500 Kg & 1000 Kg  
Crucible

175 KW

300 Kg & 150 Kg  
Crucible





## POST POURING – CAPACITY AND TECHNOLOGY

Machinery	Unit
Shot Blasting Machine ( 1 MT) Hook Type	1
Shot Blasting Machine (5 MT) Hook Type	1
Shot Blasting Machine (1 MT) Table Type	2
Shot Blasting Machine (3 MT) Table Type	1
Pedestal Grinding Machine	1
Flexible Shaft ( Variable Speed)	25
<b>3 Groups within the campus with capacity 20 &amp; 80 MT/Month. 6 Subcontractors outside with total capacity 350 MT/Month</b>	



# HEAT TREATMENT – CAPACITY AND TECHNOLOGY

All 7 furnaces are Electric PLC Controlled 2 Water Quenching facilities with 60000; 90000 & 75000 liters with agitation and cooling system.

All furnaces are validated as per API ; NORSOK in the presence of external agency

Furnace Name	Capacity (KW)	Tonnage capacity
HTA	100	2.5 tones
HTB	60	2 tones
HTC	100	3 tones
HTD	100	4 tones
HTE	40	1 tone
HTF	150	7 .5 tones
HTG	15	250kg
HTH	120	2.5tones
HTI	230	10tones





# NABL ACCREDITATION FOR CHEMICAL AND MECHANICAL LAB

## Chemical Tests

- Optical Emission Spectrometer
- Intergranular Corrosion test
- Pitting Corrosion test

## Mechanical Tests

- Tensile strength
- Yield Strength
- 0.2% Proof Strength
- % Elongation
- % Reduction in Area
- Brinell Hardness (HBW 10/3000)
- Bend Test (Root; face; side )
- Impact Test (Charpy “V”)
- Inclusion Rating
- Micro Examination Graphite Flakes/ Nodules  
Type and Size, Distribution Characteristics and  
Matrix Analysis
- Determination of Volume Fraction of Phase

# TESTING FACILITIES (NABL LAB)

Spectro Analyzer with Three Base Metal -Iron, Nickel and Cobalt with 25 elements including Nitrogen And Oxygen.



Group of products, materials or items tested	Specification, standard (method) or technique used
NABL SCOPE	
Ferrous / Low Alloy Steel	ASTM E415:2015 / IS 8811:1998 (Ra 2012)
Ferrous / Duplex , Super Duplex , Stainless Steel	ASTM E1086:2014 /IS 9879:1998 (Ra 2009) / MACLD/VAL/Fe/2017
Nickel & Nickel alloys	ASTM E 3047:2016 MACLD/VAL/Ni/2017

# TESTING FACILITIES (NABL LAB)



Group of products, materials or items tested	Specific tests or types of tests performed	Specification, standard (method) or technique used	Range of testing/ Limit of detection (%)	Measurement Uncertainty ( $\pm$ ) (%)
Duplex Stainless Steel	Intergranular-Corrosion Test – Method A	ASTM A923: 2014	Qualitative	NA
Stainless Steel Wrought / Cast Products	IGC Practice B	ASTM A 262-2015	upto 100 mils/year	4 mils/year @ 27 mils/year
	IGC Practice E		Bend Test (Visual) Qualitative	NA
Wrought Nickel Rich Chromium Bearing Alloys	IGC Method A	ASTM G 28 – 2002 (Ra 2015)	0.0001 – 10.0 mm/month	0.0006 mm/month @ 0.0021 mm/month
Stainless Steels	Pitting corrosion Test – Method A	ASTM G 48 – 2011	0.1 – 4.0 g/m <sup>2</sup>	0.17 g/m <sup>2</sup> @ 0.60 g/m <sup>2</sup>

# TESTING FACILITIES (NABL LAB)



Group of products, materials or items tested	Specific tests or types of tests performed	Specification, standard (method) or technique used	Range of testing/ Limit of detection	Measurement Uncertainty (□ )
	Tensile strength		100 – 1500 N/mm <sup>2</sup> (or) MPa	9 N/mm <sup>2</sup> @ 554 N/mm <sup>2</sup>
Ferrous & Non		ASTM A370-2017 ASTM E8/8M-2016 IS 1608-2005 (Ra		
	Yield Strength		100 – 1500 N/mm <sup>2</sup> (or) MPa	9 N/mm <sup>2</sup> @ 324 N/mm <sup>2</sup>
Ferrous Metals Includin	0.2% Proof Strength	2011) ISO-6892 Part 1-2016 ASME Sec IX – 2017	100 – 1500 N/mm <sup>2</sup> (or) MPa	7 N/mm <sup>2</sup> @ 448 N/mm <sup>2</sup>
	% Elongation		1 – 80 %	2.1 % @ 35 %
g Weld Metals	% Reduction in Area		1 – 80 %	1.4 % @ 67 %
			Mandrel	
	Bend Test	ASTM A370-2017	diameter 12 mm – 50 mm	NA
			Qualitative	

# TESTING FACILITIES (NABL LAB)



Group of products, materials or items tested	Specific tests or types of tests performed	Specification, standard (method) or technique used	Range of testing/ Limit of detection	Measurement Uncertainty ( $\pm$ )
Ferrous & Non Ferrous Metals Including Weld Metals	Brinell Hardness (HBW 10/3000)	ASTM E10-2017 IS 1500 Part 1-2013/ ISO – 6506:1-2005	100 – 400 (HBW)	4 HBW @ 154 HBW & 7 HBW @ 202 HBW



Group of products, materials or items tested	Specific tests or types of tests performed	Specification, standard (method) or technique used	Range of testing/ Limit of detection	Measurement Uncertainty ( $\pm$ )
Ferrous & Non Ferrous Metals (Including Weld Metals & All Weld Metals Like Plates, Rods, Pipes Etc)	Impact Test (Charpy “V”)	ASTM E23 – 2016 ASME Sec IX - 2017	4 – 300 Joules (Room temperature to minus 196°C)	6 Joules @ 84 Joules (-46°C)



# NDT TESTING FACILITIES



- Magnetic Particle Inspection.
- Ultrasonic Test
- Die Penetrate Test,
- RT With Iridium 192 And Cobalt 60 Source (Upto 200 mm Thickness) Available Within 300 Meters.
- 5 Qualified NDT Level II Personnel Including 1 NDT Level II As Per EN Standard

# FLOW BORE – INSPECTION TECHNOLOGY



USB MAGNIFICATION  
ENDOSCOPE  
12MM  
(DTI-UEM001)



- 12mm (Dia) Camera head
- Optical Magnification 1x ~ 500x
- Flexible Cable (77cm)
- Adjustable White LED Lights
- Waterproof Level: IP67
- Built-in Snapshot Button
- Powered by USB (2 Meter Wire)

2.4' VIDEO BORESCOPE  
(DTI-VB001E/DTI-  
VB001RE)



- 2.4 TFT/LCD Monitor
- 10mm (dia) Camera head
- Detachable Camera Cable (1 Meter)
- 4 Adjustable White LED lights
- Photo/Video Recording (VB001RE)
- Waterproof level: (IP67)
- Micro SD/TF card for storage
- Powered by 4xAA batteries
- Accessories included: Hook, Mirror, Magnet

## OTHER TESTING INSTRUMENTS

- ❖ Ultrasonic Thickness Gauge
- ❖ PMI
- ❖ Digital Po l die Hardness Tester
- ❖ Ferrito Scope
- ❖ Radio Active Contamination Detector
- ❖ Digital pH Meter
- ❖ Digital Lux meter; Sound meter; Tachometer
- ❖ Casting Comparator From Steel International France
- ❖ Infrared Temperature measuring instruments 500 °C      & 1600 °C.



# Thermal Reclamation Plant



 **MALNAD ALLOY CASTINGS**.PVT

SINCE 1983



## **ON GOING PROJECTS-2023-24**

- ❖ API 20A Approval for Foundry
- ❖ Energy Monitoring Software procurement

## **PLANNED PROJECTS-2023-24**

- ❖ Energy Management System
- ❖ Rain water harvesting

# REDUCING CARBON FOOT PRINT

- Currently we have used 150 liters of bio diesel/month hence avoiding 396kgs of CO<sub>2</sub> generation/month
- Roof top Solar cell of 100kW capacity in our premises on an average generated 96826kWh of electric energy in last one year. Hence avoided 79397.32 kgs of Co<sub>2</sub> in last one year .
- Thermal Reclamation plant sand re-cycle up to 90% hence avoiding the landfills causing greenhouse gas effect and diesel consumption for the transportation of these waste sand there by avoiding 50.16 kgs of Co<sub>2</sub> emission each day due to transportation of sand
- Air Manager for management of Air compressor working we have 6 air compressors 20997.79kgs of Co<sub>2</sub> emission by reducing electricity usage for compressor in last 6 months
- We have started vermicompost to degrade the canteen waste; paper waste; wooden saw dust which diverts organic materials from landfills where they would break down and be emitted into the atmosphere as methane – an extremely potent greenhouse gas.
- We have planted 50 plus trees as already stated above which after 5 years each matured tree will have a capacity of absorbing 12 kgs of Co<sub>2</sub> annually and 50trees on an average will absorb 600 kgs of Co<sub>2</sub> every year.

# EMS MEASURES

- ❖ Bio Diesel as a Replacement for Petroleum Diesel
- ❖ Transparent sheets in order to avoid electric lights in day time
- ❖ Roof Top Solar Cell with 100KW capacity
- ❖ AED for medical emergencies
- ❖ CETP of capacity 25000 liters installed
- ❖ RO plant having capacity of 1500lts/hour capacity has been installed
- ❖ Vermiculture compost with canteen and paper waste



100 KW Roof top static solar cell installed in hall number 7



RO plant 1500lts/hour capacity



50+ Plants planted Across The Company Compound



# MALNAD ALLOY CASTINGS UNIT -2



Swing Frame – 2 Units Flexible shaft – 13 Units



Heat Treatment Furnace



Table Type Shot Blasting machine – 2T





## SHIMOGA PRECISION CASTINGS PVT LTD

## FACILITY DETAILS

- ❖ Total Installed Capacity – 50 MT per Month. (*Upgrading to 100MT per month by Oct-23*)
- ❖ Utilized Capacity – 25 MT per Month.
- ❖ Single piece we can pour up to :50 Kgs (*Upgrading to 100kg single piece by Oct-23*)
- ❖ Experts in-Steam Trap, Control Valve components
- ❖ Special grades: Stellite-6,Stellite-21,NNRD2,Monel- M35, Ultimate Alloy, Duplex steel apart from standard Austenitic, Martensitic Steels



# MANUFACTURING EXPERIENCE

Ball Valve	15MM TO 25 MM	Class 150 to 300
Globe Valve	0.5" to 2 "	Class 150 to 900
Gate Valve	0.5" to 2"	Class 150 to 900
Check Valve	0.5" to 2"	Class 150 to 900
Control Valve	0.5" to 3"	Class 150 to 2500
Butterfly Valve	2" to 4"	Class 150 to 1500
Diaphragm Valve	Upto 2"	Class 150 to 300
Piston Valve	Upto 2"	Class 150 to 300
Double disc Check Valve	2" to 4"	Class 150 to 2500

# PLANT EXPANSION PROJECT 2023

- Started plant expansion project in Feb 2023
- Power enhanced from 500 KVA to 1200 KVA
- Enhancing our production capacity from 50 tons to 100 tons per month castings
- Will be able to handle single piece weight from present 50 kg to 100 kg of investment casting with size 800 mm X 800mm max
- New building of 10200 Sq ft being constructed for Power house, parking, employee's rest room, occupational health center, canteen, dormitory and office.

## Injection and Assembly

- Present wax injection and assembly area will be shifted to new facility @ 1<sup>st</sup> floor having area of 1800 Sq Ft.
- Reticulated Wax Injection Machine being installed of higher capacity where we can handle bigger components up to 800mm size
- Soluble core injection machine being installed
- Additional three no's Wax assembly table being installed.

## Shelling

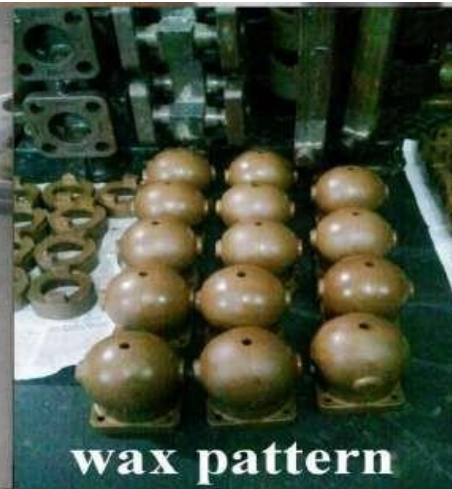
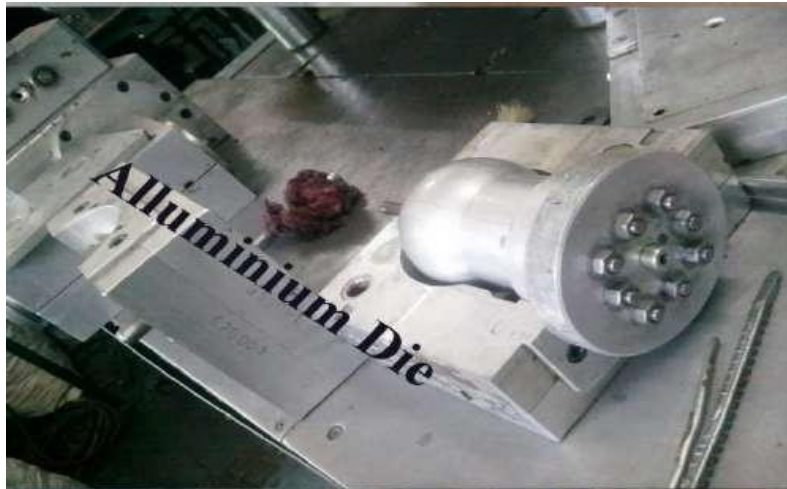
- Shelling area being enhanced from 2076 Sq Ft to 4826 Sq Ft
- In shelling area , manipulator being installed to handle bigger parts . This also improves shelling quality compare to manual coating
- Additional two no's Air blower being installed.
- Additional three no's each bigger size slurry tanks and rain fall sander being installed
- Additional one no De-wax auto clave having bigger capacity being installed.
- Additional storage area for De-waxed shell's
- Separate Room's for raw material and consumables.
- For post pouring operations, following additional equipment's being added :- Shot blasting, Arc cutting, heat treatment, grit blasting.

## Melting

- 7128 Sq Ft new melting yard ready to be commissioned
- New melting yard will be operated with two melting power panel of 175 KW each
- Additional melting furnace of 300 Kg, 150 Kg and 100 Kg capacity being added to the existing furnaces of 300 Kg, 150 Kg and 25 Kg capacity
- Manipulator being installed at melting yard to handle bigger shells



# VARIOUS STAGES OF INVESTMENT CASTING







## INVESTMENT CASTINGS







# INVESTMENT CASTINGS



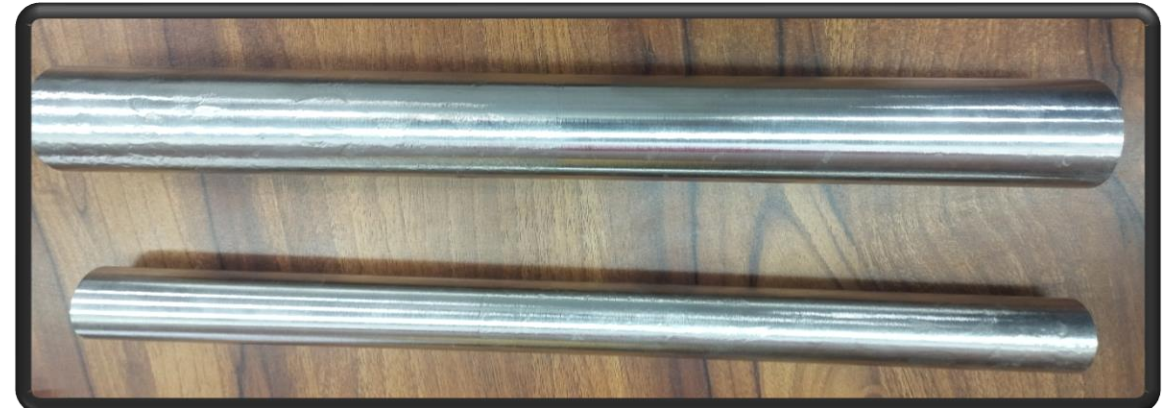


Investment Castings

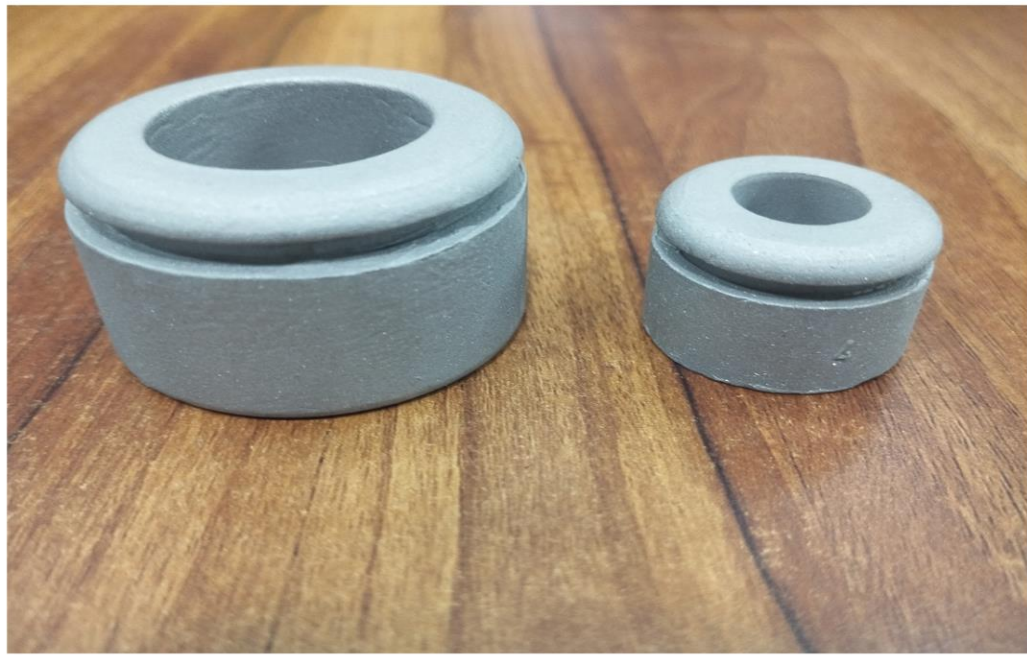




# GRADE: CO-CR-W (FORMALLY CALLED SAE STELLITE #06) PARTS PHOTOS











MALNAD PRIME MACHINING TECHNOLOGIES PVT LTD.

# MACHINING LINE UP- HMC





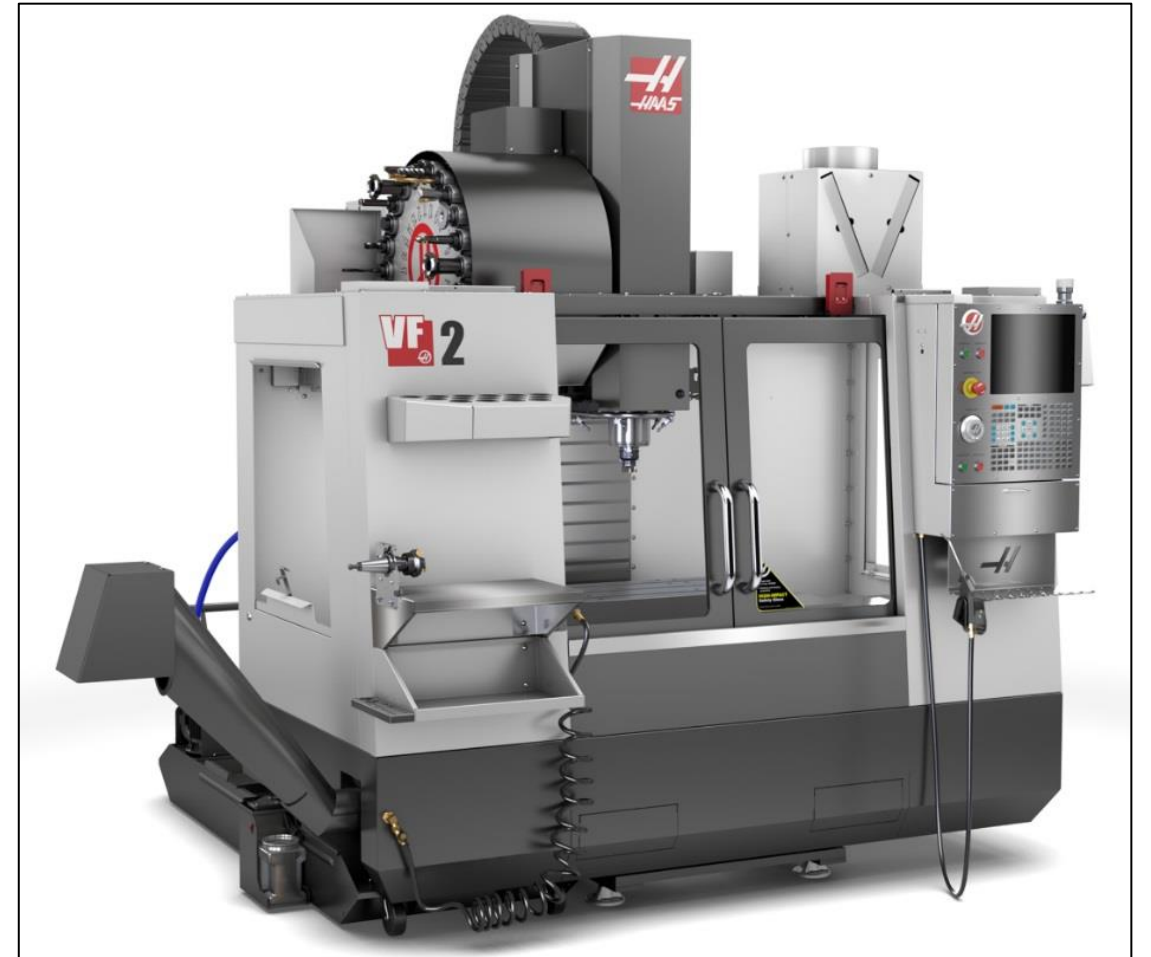
# MACHINING LINE UP – VTL



## MACHINING LINE UP – TURNING CENTRES



## MACHINING LINE UP – VMC





## MACHINING LINE UP – VTM-1700 & VTL-1500





Drilling Machines at MPMTPL



Shopfloor Divided as per Cell Wise



Hydro Test Rig- 20MT, 40MT and 100 MT



Shopfloor Divided as per Cell Wise





# INSPECTION FACILITY

In House CMM Facility



Height Master For Inspection





# AUTOMATED 3D MEASUREMENT INTEGRATION

## Specifications

	<i>DAZZ P07</i>
<b>Accuracy</b>	Up to 0.020 mm
<b>Volumetric Accuracy</b>	0.015 mm + 0.035 mm/m
<b>Measurement Resolution</b>	0.020 mm
<b>Mesh Resolution</b>	0.050 mm
<b>Measurement Rate</b>	Up to 12,50,000 measurements/s
<b>Laser Source</b>	7 Blue laser crosses (+ 1 extra line)
<b>Laser Class</b>	2M (eye safe)
<b>Scanning Area</b>	Up to 650 mm x 550 mm
<b>Stand-off Distance</b>	300 mm
<b>Depth Of Field</b>	550 mm
<b>Part Size Range</b>	0.1-4 m (0.3-13 ft)
<b>Output Formats</b>	obj, .ply, .stl, .txt, .wrl, pj3, .asc, .igs, .mk2, .umk.
<b>Compatible Software</b>	3D Systems (Geomagic® Solutions), InnovMetric Software (PolyWorks), Metrologic Group (Metrolog X4), New River Kinematics (Spatial Analyzer), Verisurf, Dassault Systèmes (CATIA V5, SOLIDWORKS), PTC (Creo), Siemens (NX, Solid Edge), Autodesk (Inventor, PowerINSPECT)
<b>Weight</b>	0.612 kg
<b>Dimension (LxWxH)</b>	85 x 45 x 205 mm
<b>Connection Standard</b>	1 X USB 3.0
<b>Operating Temperature Range</b>	-5°C-40°C
<b>Operating Humidity Range</b>	10-90%



### High-quality optics

Scan quality that is consistent and optimized

### An additional single laser line

Simple capture of challenging regions

### Fast scanning Blue Laser Technology

challenging surface ability

### Minutely detailed scanning

Precision imaging offers meticulous scrutiny

### Optimal ergonomic design

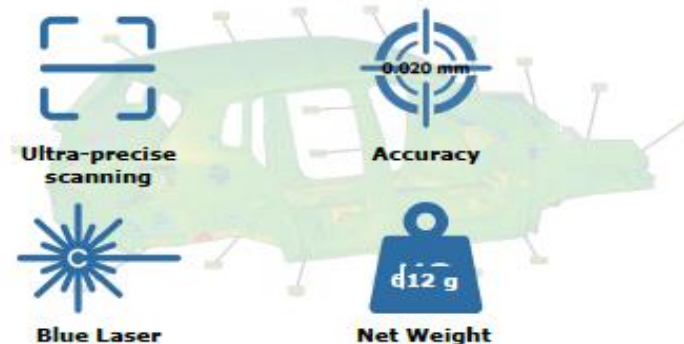
A weight that is both light and well-balanced, providing an exceptional user experience

### Color-coded standoff distance indicator

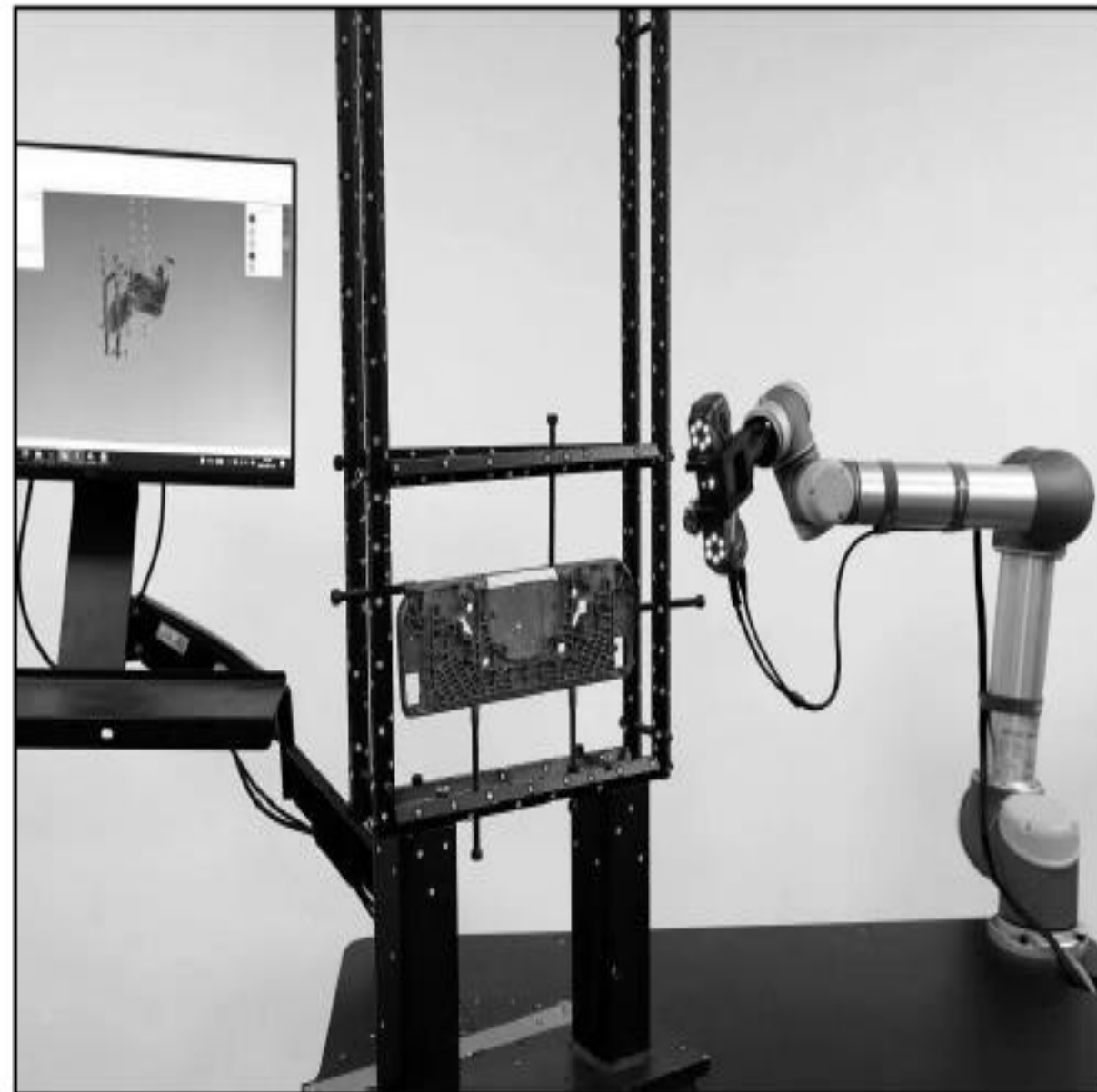
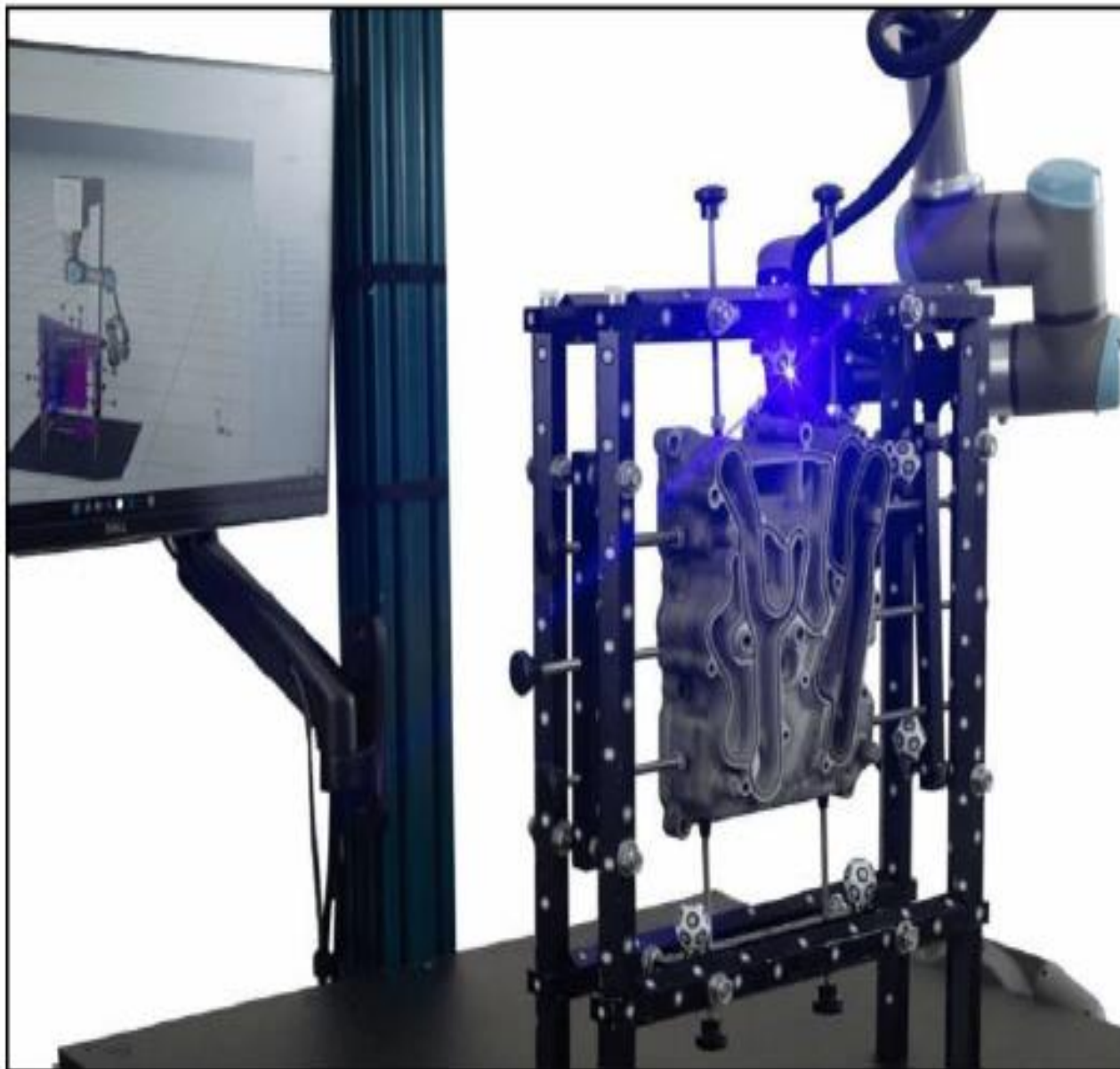
Optimizes the efficiency of scanning

### Buttons with multiple options

Simple communication between a computer and a user



# AUTOMATED 3D SCANNING MACHINE





# MALNAD PRIME GALLERY

In House DP Testing Facility



Packing and Dispatch Yard



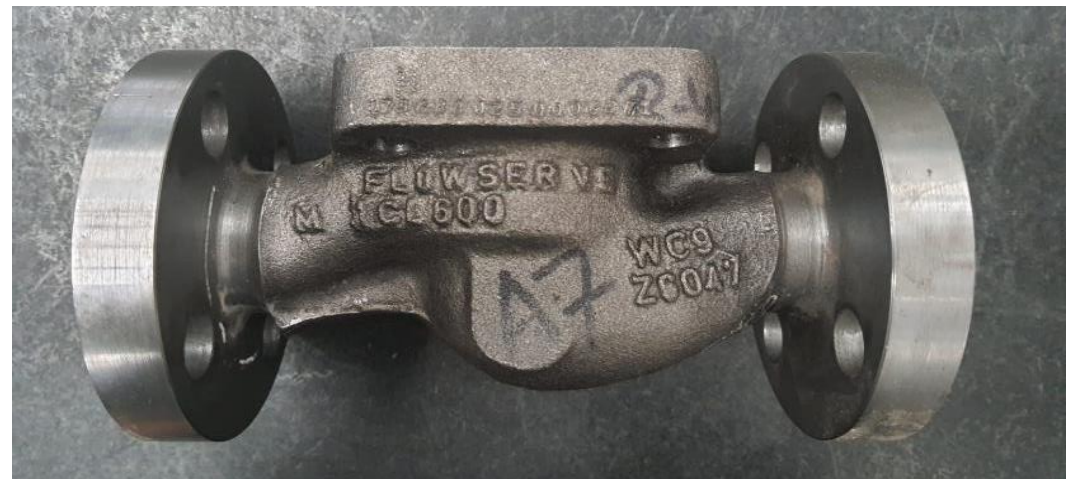
Phosphate Components



Powder Coated Components









# PUMP COMPONENTS DEVELOPED AT PRIME

Foot



Impeller



Stuffing Box



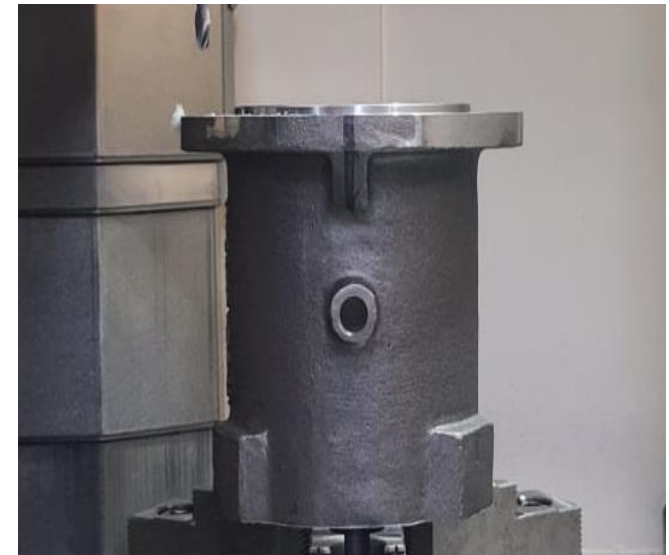
Bearing Housing



Adapters

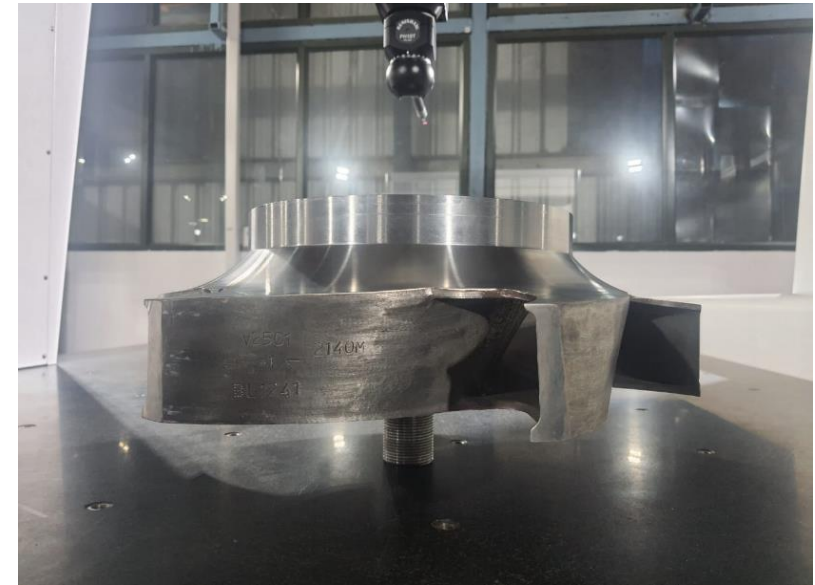
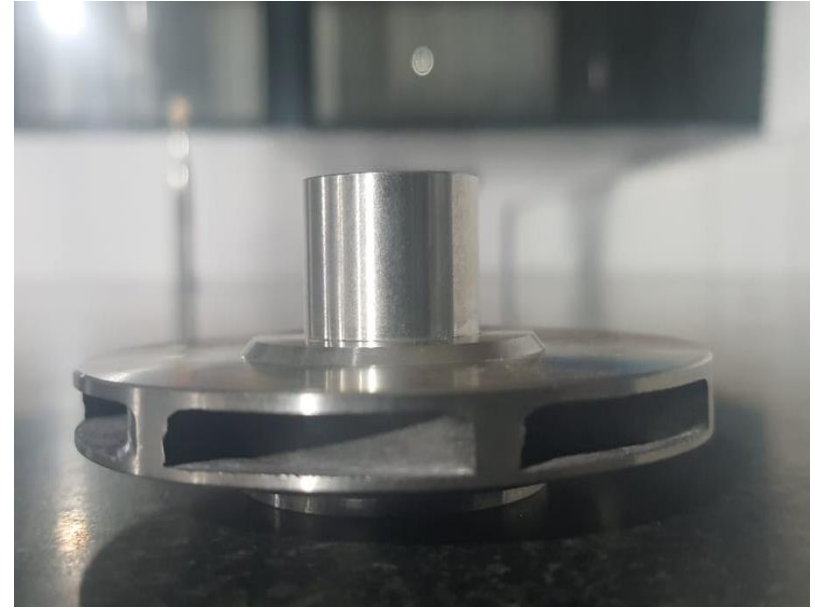
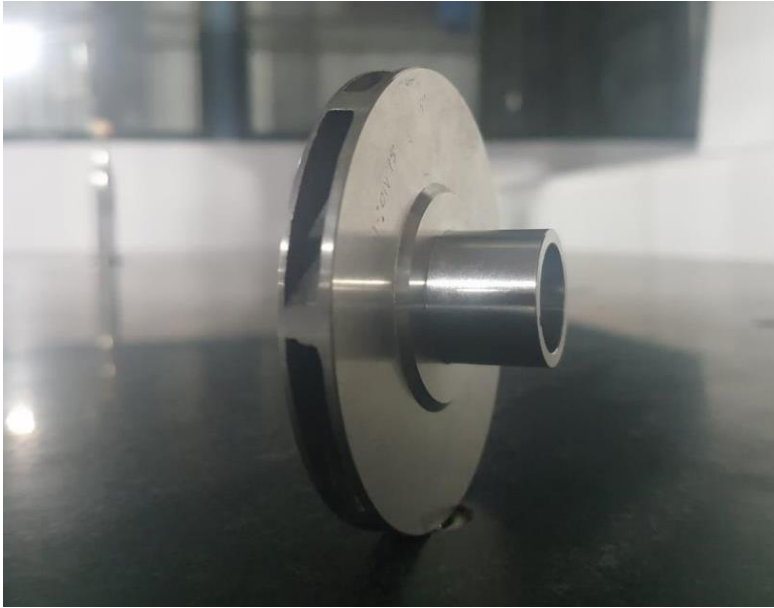


Bearing Frame





## IMPELLERS MACHINED



CASING AND IMPELLER MACHINED AT IN HOUSE FACILITY





## PUMP CASING ASSEMBLY





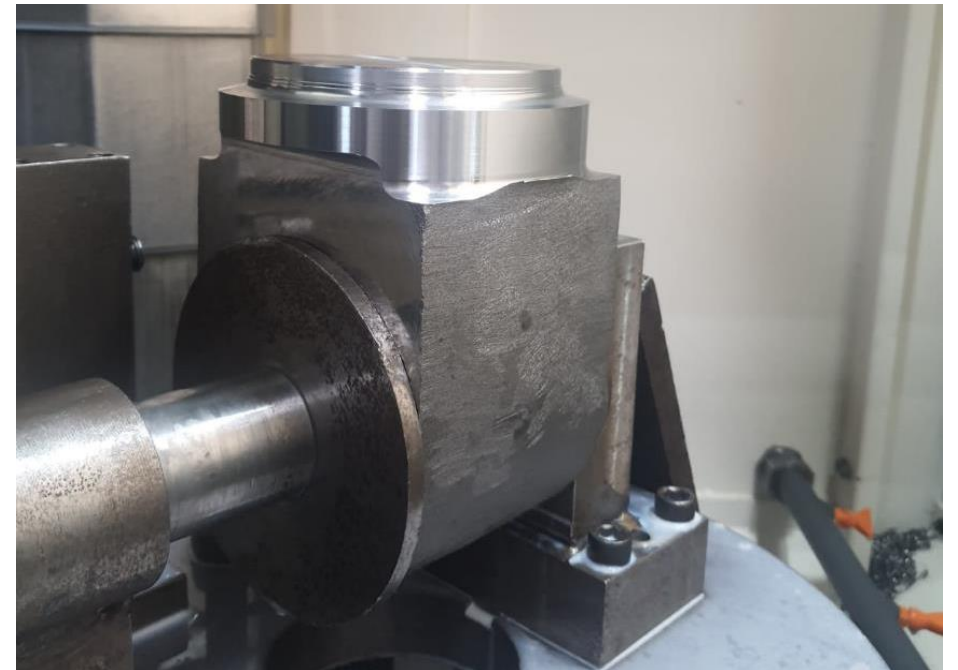
# TURBO MACHINERY COMPONENTS



Pitch



AUTOMOTIVE PARTS





# MOUNTING PLATE CASTING METRO ANTI-CLIMBER

ALLOY : GE300





Dormitory for non resident employees



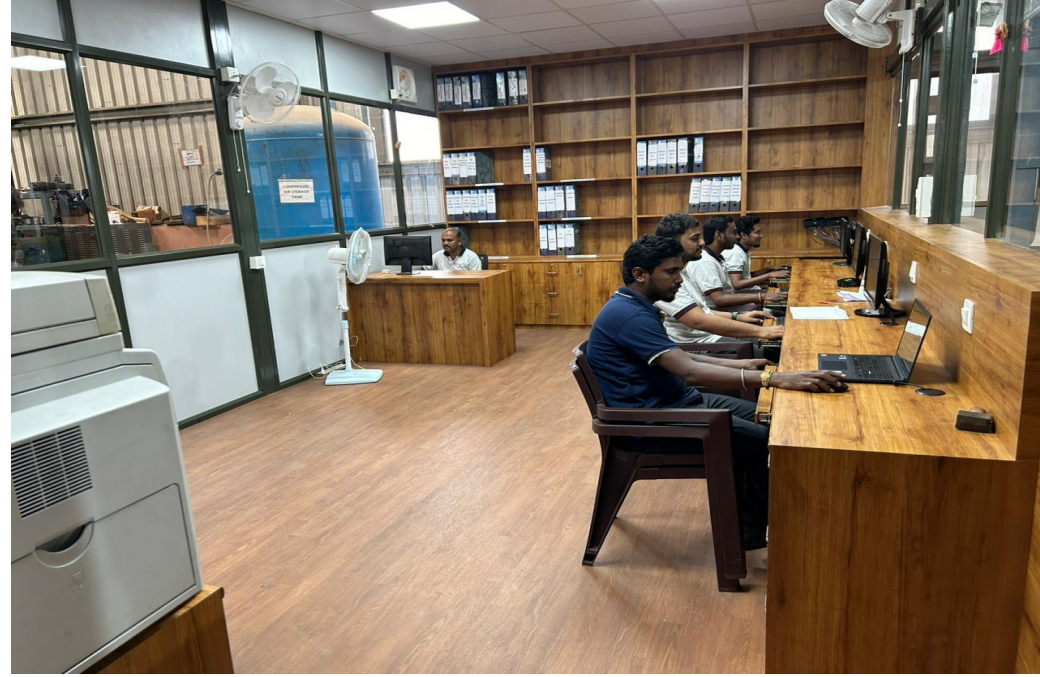
Canteen Facility for all employees



Laser Marking Machine



Quality Control new workstation





## MALNAD PRIME UNIT-2 (FOUNDRY DIVISION DEDICATED FOR HI CHROME GRADES)



- Foundry capacity is 125 MT per month .
- 300kgs and 500kgs with 250kW capacity induction furnace available.
- Continuous Mixture No bake system molding planned for production activities.
- Molding Heating Ovens installed.



## Malnad Group Companies Foundry Capacity

Unit	Total Monthly Capacity (MT)	Biggest casting weight single piece (kgs)
Malnad alloy Castings Pvt Ltd	625	2400
Shimoga Precision Castings Pvt Ltd	100	100
Malnad Prime Machining Technologies Pvt Ltd (unit II)	125	250

Overall Malnad Group Company Foundry Capacity is 850MT per month

Currently loaded with 450MT per month

Spare capacity available 400MT per month