

Lāḍā[®]
FOUNDRY
We Cast Your Trust



LAXMI PUMPS PVT. LTD.
(Unit-2)

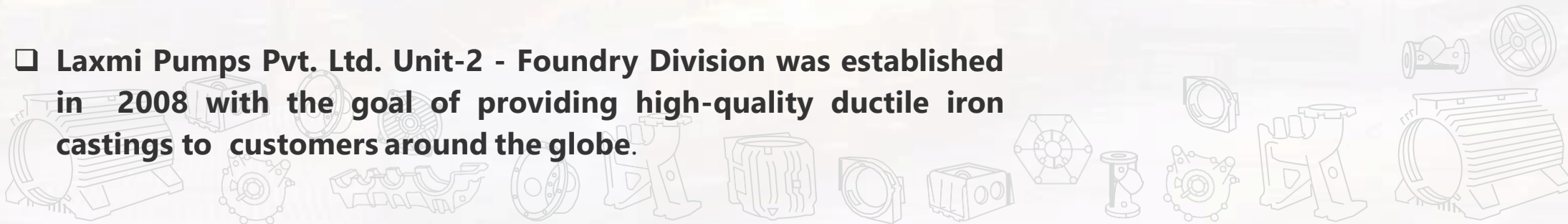
ABOUT THE LADA GROUP



- ❑ **Laxmi Pumps Pvt. Ltd. Unit-1** - Pump Division was founded in 1991 by the young entrepreneur Mr. Rajiv J. Patil.
- ❑ The company was established with the goal of manufacturing Power saver submersible pumps, aiming to provide efficient and reliable pumping solutions.
- ❑ Laxmi Pumps has become a respected name in the Market, known for its commitment to quality and innovation in pump technology.
- ❑ Now LADA Submersible Pumps became one of the leading & most respected brand in the market.
- ❑ Product Range :- 0.5 HP -30 HP
- ❑ Head Range :- Up to 350 meters
- ❑ Discharge Range:-10 LPM-800LPM
- ❑ Bore Sizes :- 100 mm & 150 mm
- ❑ Production Capacity :- 30,000 Numbers / Annum



- ❑ Laxmi Pumps Pvt. Ltd. Unit-2 - Foundry Division was established in 2008 with the goal of providing high-quality ductile iron castings to customers around the globe.**

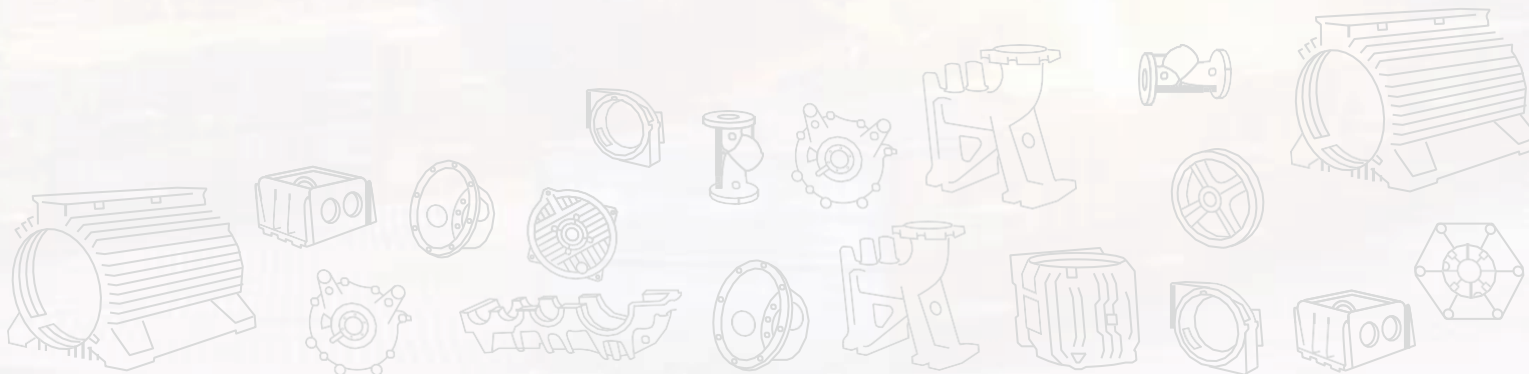


VISION

Our vision is to emerge as the trusted supplier of SG iron castings and precision machining components worldwide.



We aim to achieve sustainable growth while consistently delivering exceptional value to our customers and stakeholders.



MISSION

We specialize in the manufacturing of exclusive SG iron castings and precision machining components for OEMs and Tier 1 suppliers in automotive, agriculture, industrial, construction and compressor industries globally, by leveraging state of the art engineering technology, superior quality, reliability and skilled workforce while fostering trust and integrity in all our partnerships.

VALUES

- ❑ **Empowerment** gives confidence and freedom to lead, grow, and succeed to the Team
- ❑ **Teamwork** is a secret that makes common people achieve uncommon results.
- ❑ **Quality** is not an act, it is a habit.
- ❑ **Integrity** choosing honesty and accountability in every action we take.
- ❑ **Trust** is built with consistency



ABOUT THE FOUNDRY



- ❑ Exclusive Ductile Iron / S.G. Iron Foundry
- ❑ Production Capacity : 20,000 Tons / Annum
- ❑ Product Range : 0.9 Kg. - 90 Kg. Single Piece
- ❑ Grades Manufacture :

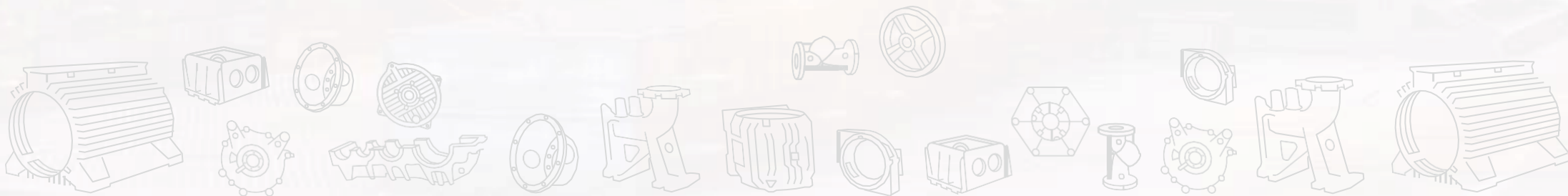
400/12	400/15	400/18
450/10	500/7	550/6
450/18	500/14	600/10
600/3	700/2	800/2
GGG 35.5		GGG 40.3
ADI 800		ADI 900

- ❑ Infrastructure : Land 33,500 Sq. Mtrs.
- ❑ Building : ARPA Line Unit- 7000 Sq. Mtrs.
- ❑ HPML Unit : 10000 Sq. Mtrs.
- ❑ Office : 1000 Sq. Mtrs.
- ❑ Total Built up Area : 18000 Sq. Mtrs.
- ❑ Effluent treatment plant : 04 Nos.
- ❑ Sewage treatment plant : 01 No. 40,000 LPD
- ❑ Employment : Workers : 320
- ❑ Technical Staff : 50
- ❑ Commercial Staff : 10
- ❑ Managerial Staff : 10
- ❑ Administrative Staff: 10
- ❑ Total : 400



GREEN INITIATIVE

- **Green Initiative 700+ Plantation**
- **1.1 MW Solar Project in Operation from Jan- 2024 Situated in Malegaon Nashik.**
- **350 KW Roof top Solar Project installed on our machine shop roof.**
- **3.5 MW Solar Project in Operation from Jan- 2025 Situated in Karkamb , Solapur.**
- **New 2 MW Solar/Wind project planned in current financial year.**



Green Initiative 700+ Plantation



1.1 MW Solar Project Operation for Jan- 2024 Situated in Malegaon Nashik.



350 KW Roof top Solar Project installed on our machine shop roof.



- **3.5 MW Solar Project in Operation from Jan- 2025**
Situated in Karkamb , Solapur



QUALITY POLICY

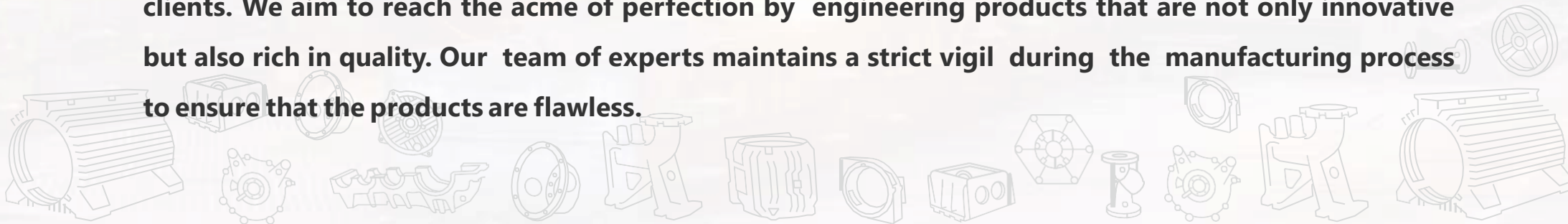
- ☐ We at LAXMI PUMPS PVT. LTD. will take every effort to enhance customer satisfaction.
- ☐ We will strive for excellence in quality of our products, delivery, at reasonable cost , which will add value to our customers .
- ☐ We will comply with customer and applicable statutory and regulatory requirements.
- ☐ We will continually improve the effectiveness of QMS with active involvement of our employees.

QUALITY OBJECTIVES

- ☐ Improvement in customer satisfaction.
- ☐ Reduce rejection percentage and complaints.
- ☐ On time delivery.

OUR EXCELLENCE

We are a quality driven company. Quality ranks high on our priority list for the satisfaction of our clients. We aim to reach the acme of perfection by engineering products that are not only innovative but also rich in quality. Our team of experts maintains a strict vigil during the manufacturing process to ensure that the products are flawless.



ISO & IATF

ZERTIFIKAT ♦ CERTIFICATE ♦ CERTIFICADO ♦ CERTIFIKAT ♦ CERTIFICADO ♦ CERTIFICATE ♦ 認証証書



CERTIFICATE

The Certification Body
of TÜV SÜD South Asia Private Limited
certifies that

Laxmi Pumps Pvt. Ltd. Unit 2
D-173 & 179, Kagal-Hatkanangale Five Star Industrial Area,
Tal-Hatkanangale, Dist- Kolhapur – 416 216, India

has implemented Quality Management System
in accordance with **ISO 9001:2015**
for the scope of

**Manufacture of S.G. (Ductile Iron) Castings and
Machined Metal Components**

The certificate is valid from **2024-11-29** until **2027-11-28**

Subject to successful completion of annual periodic audits

The present status of this certificate can be obtained through TÜV SÜD website by scanning below QR code and by entering the certificate number (without spaces) on web page. Further clarifications regarding the status & scope of this certificate may be obtained by consulting the certification body at info.in@tuvsud.com

Certificate Registration No. **99 100 24433**

Date of Initial certification: **2024-11-29**

Issue Date: **2024-12-06** Rev. **00**

Rahul Kale
Head of Certification Body
of TÜV SÜD South Asia Private Limited,
Mumbai
Member of TÜV SÜD Group



ZERTIFIKAT ♦ CERTIFICATE ♦ CERTIFICADO ♦ CERTIFIKAT ♦ CERTIFICADO ♦ CERTIFICATE ♦ 認証証書



CERTIFICATE

Certificate Registration No.: **12 111 68569 TMS** / IATF Certificate No.: **0556853**
IATF USI: **649XXC**

The Certification Body
of TÜV SÜD Management Service GmbH
certifies that the organization

Laxmi Pumps Pvt. Ltd. Unit 2
D-173 & 179, Kagal-Hatkanangale Five Star Industrial Area,
Tal-Hatkanangale,
Dist- Kolhapur - 416216
India

for the scope

**Manufacture of S.G. (Ductile Iron) Castings
and Machined Metal Components**
(without Product Design as per Chapter 8.3)

has established and applies a Quality Management System.

An audit was performed and has furnished proof
that the requirements according to

IATF 16949
First Edition 2016-10-01

are fulfilled.

Issue date: **2024-11-29**

Expiry date: **2027-11-28**

Fred Wenke
Head of Certification Body
Munich, 2024-11-29

Page 1 of 1

MOLDING SHOP for ARPA LINE

- ❑ DISA Simultaneous Jolt Squeeze Molding Machines with Semi-Automatic Mold Handling System
- ❑ Production Rate of ARPA 450 : Molding Box Size : 510 x 560 x 150 : 50 Molds/Hour
- ❑ Production Rate of ARPA 450 : Molding Box Size : 610 x 710 x 200 : 40 Molds/Hour.

SAND PLANT FOR ARPA LINE

- ❑ Fully Automated Sand Plant Capacity: 25 MT/Hour.
- ❑ Automatic Sand Controller System, Hydraulic Pusher, Hydraulic Punch-out, Metallic Conveyor.
- ❑ Sand Cooler Capacity: 25 MT/Hour./Sand Mixer Capacity : 1 MT/Cycle

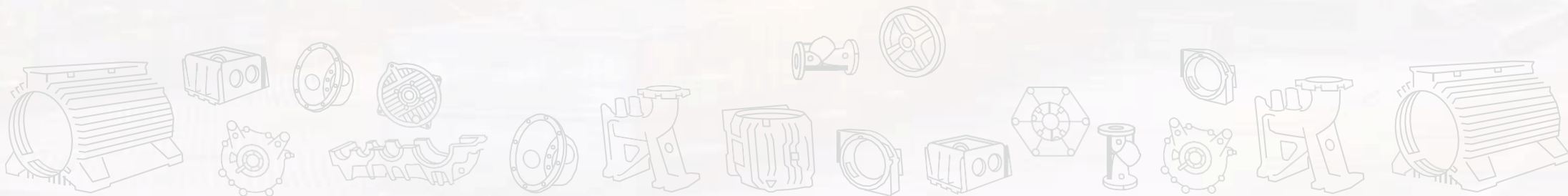


MOLDING SHOP HPML

- ❑ HPML SINTO FBO III (S) – 510 x 660 x 200
- ❑ HPML Production Rate – 133 Molds / Hour.

SAND PLANT FOR HPML

- ❑ Fully Automated Sand Plant Capacity : 30 MT/Hour.
- ❑ Automatic Sand Controller System, Casting Cooling conveyor.
- ❑ Sand Cooler Capacity : 30 MT/Hour.
- ❑ Sand Mixer Capacity : 1 MT/Cycle.



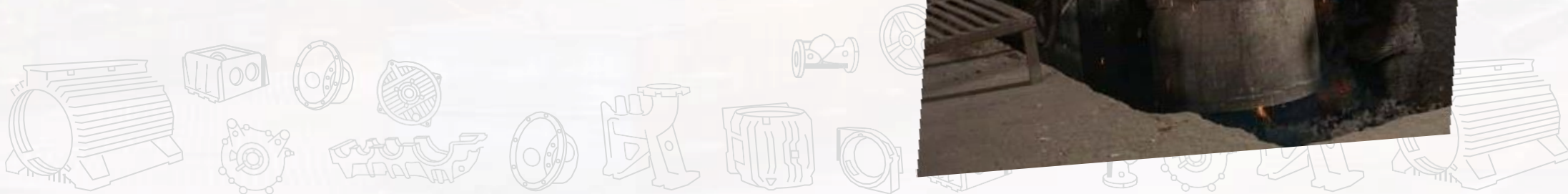
HPML LINE VIEW

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Melting Shop for ARPA Line

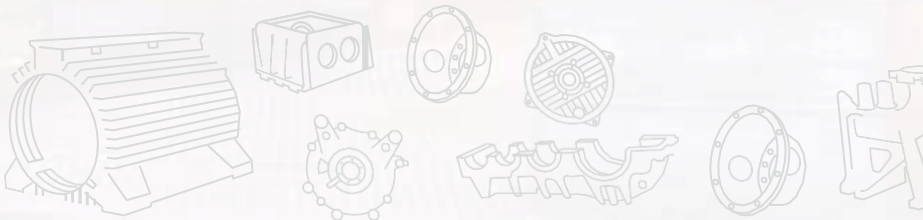
- ❑ Medium Frequency Induction Furnace
(Inductotherm Make)
- ❑ 750 Kg. - 750 KW:- 02 Nos.
- ❑ 1000 Kg. - 1000 KW:- 01 Nos.
- ❑ Melting Capacity: 60 MT/Day.
- ❑ 2 Digital Temperature Contact less (Infrared)
Pyrometers.
- ❑ 2 Digital Temperature Contact type Pyrometers
- ❑ 2 Digital Platforms Weighing Balance of 1000 kg.
- ❑ 2 Wireless Digital Cranes Weighing Balance of 5 MT.
- ❑ 3 SG Iron Treatment Ladles of 1000 kg.
- ❑ 8 Pouring Ladles of 500 kg each.
- ❑ 2 Overhead Cranes of 5 MT each.
- ❑ Magnesium treatment by Sandwich method



Melting Shop for HPML

- ❑ Medium Frequency Induction Furnace 500 Kg.-4 Nos. (Quadra track) : 1750 KW.
- ❑ Melting Capacity: 50 MT/Day. Auto Pour – 500 kg./Batch
- ❑ 2 Digital Temperature Contact type Pyrometers. 1 Digital Temperature Contact less Pyrometer.
- ❑ 4 Digital Platforms Weighing Balance of 500 kg.
- ❑ 2 Wireless Digital Weighing Balance of 5 MT.
- ❑ 3 SG Iron Treatment Ladles of 500 kg.
- ❑ 3 Pouring Ladles of 500 kg each.
- ❑ 3 Overhead Cranes of 5 MT each.
- ❑ Magnesium treatment by Sandwich method.
- ❑ Cored wire Magnesium Treatment.

MELTING FURNACE VIEW

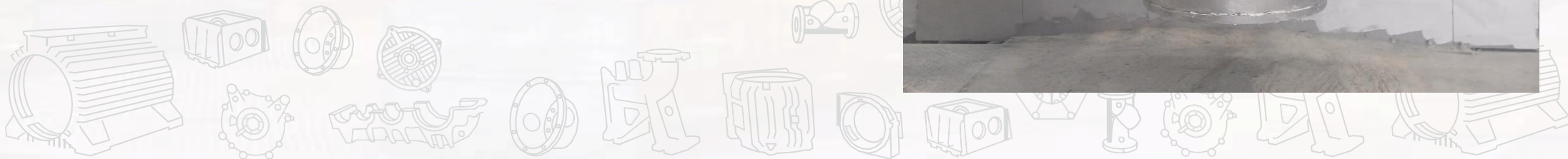


MELTING FURNACE VIEW



AUTO Mg CORED WIRE FEEDER SYSTEM

- ❑ Capacity – 500 Kg / Batch.
- ❑ Mg treatment controlled automatic with base metal Sulfur %, metal weight and metal temperature.



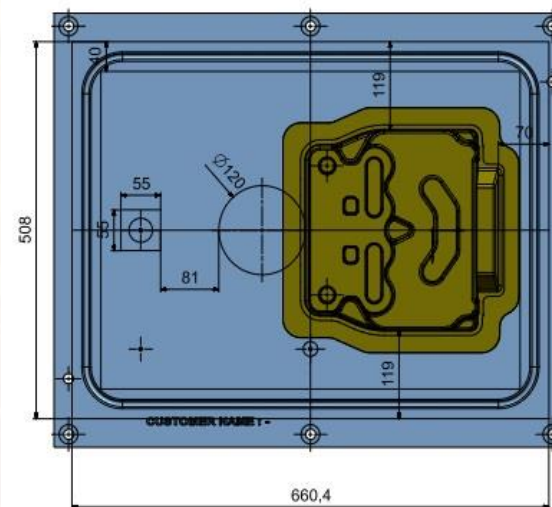
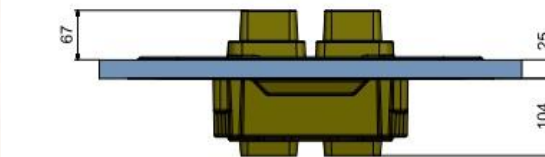
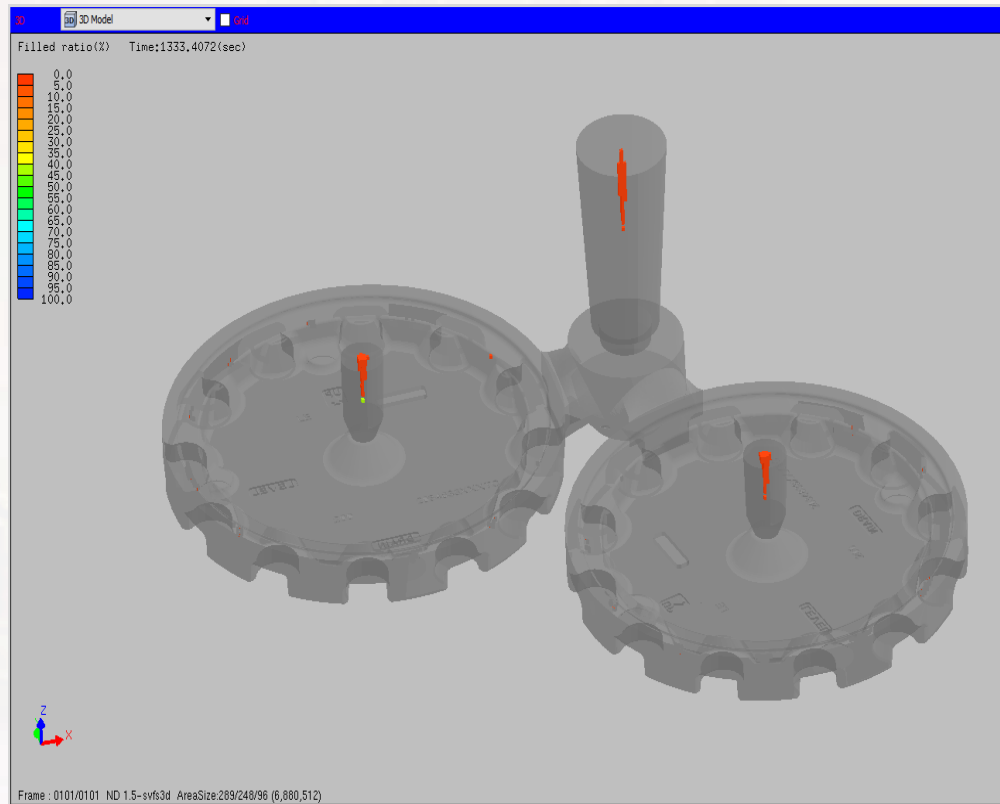
AUTO POURING SYSTEM

- ❑ Auto Pouring capacity – 500 Kg/Batch
(Every 15 Min)
- ❑ Auto Mould Inoculation system.
- ❑ In Built with Infrared Pyrometer (Controls pouring with minimum and maximum Temperature range of metal)
- ❑ In Built Mg fading time control system.
- ❑ In Built HMI to monitor pouring time and pouring temperature per mould.

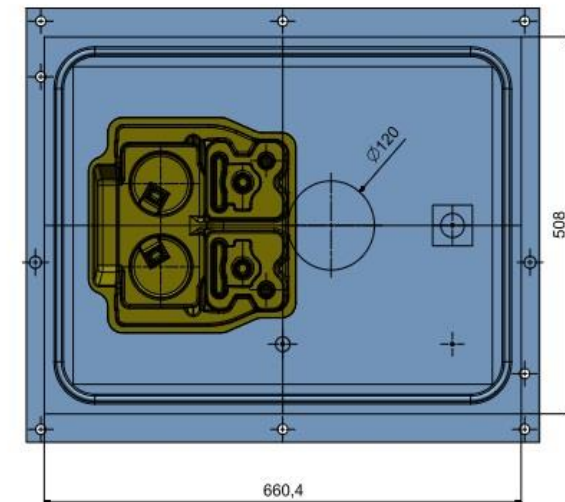


TOOLING DEVELOPEMENT

- ☐ In house facility for 3D modeling – (Solid works)
- ☐ In-house facility for Casting simulation (software-Adstefan from Hitachi Japan)
- ☐ In house facility for Tooling inspection and routine maintenance.
- ☐ For new Tooling development a tie-up with well equipped professional pattern shop facility.



COPE LAYOUT



DRAW LAYOUT

In House Core Making Facility

- ❑ Cold box core making Machines 300 mm X 300 mm X 300 mm : (Compax Make)

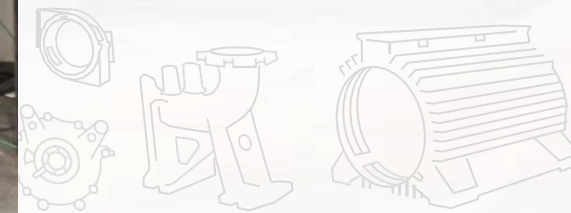
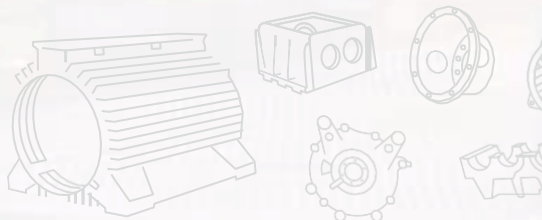
Core making capacity :- 60 gms To 5 Kg.

- ❑ Cold box core making Machines 400 mm X 600 mm X 500 mm : (Advik Make)

Core making capacity :- 1 Kg To 10 Kg.

- ❑ Cold box core making Machines 600 mm X 600 mm X 800 mm : (Galaxy Make)

Core making capacity :- 5Kg To 20 Kg.



FETTLING SHOP FOR ARPA LINE

- ❑ 2 Hanger Type Shot Blasting Machines.

Capacity: 500 Kg. & 1000 Kg.

- ❑ 2 Tumbblast Type Shot Blasting Machines.

Capacity: 300 kg. - 750 Kg.

- ❑ Hydraulic wedge Cutter 4 Nos.
- ❑ The sundry equipment like chippers, angle grinders, straight grinders, pedestal grinders.
- ❑ The dimensional inspection equipment like surface plate 1000 mm x 1000 mm, vernier calipers, digital height gauge 400 mm, Digital Pistol Caliper etc.

FETTLING SHOP FOR HPML LINE

- ❑ One Hanger type shot blasting Capacity - 1000 kg
- ❑ One Tumbblast – Capacity 750 kg.
- ❑ Hydraulic Wedge Cutter – 4 Nos.
- ❑ The sundry equipment like chippers, angle grinders, straight grinders, pedestal grinders.
- ❑ The dimensional inspection equipment like surface plate 1000 mm x 1000 mm, vernier calipers, digital height gauge 400mm, Digital Pistol Caliper etc.



Casting Painting Facility

- ❑ 5 Nos. of Spray Painting Booths.
- ❑ 1 No. of Spray Painting Booth with overhead drag chain and Paint drying oven.
- ❑ 8 Nos. Paint Deeping stations.



SAND TESTING LABORATORY

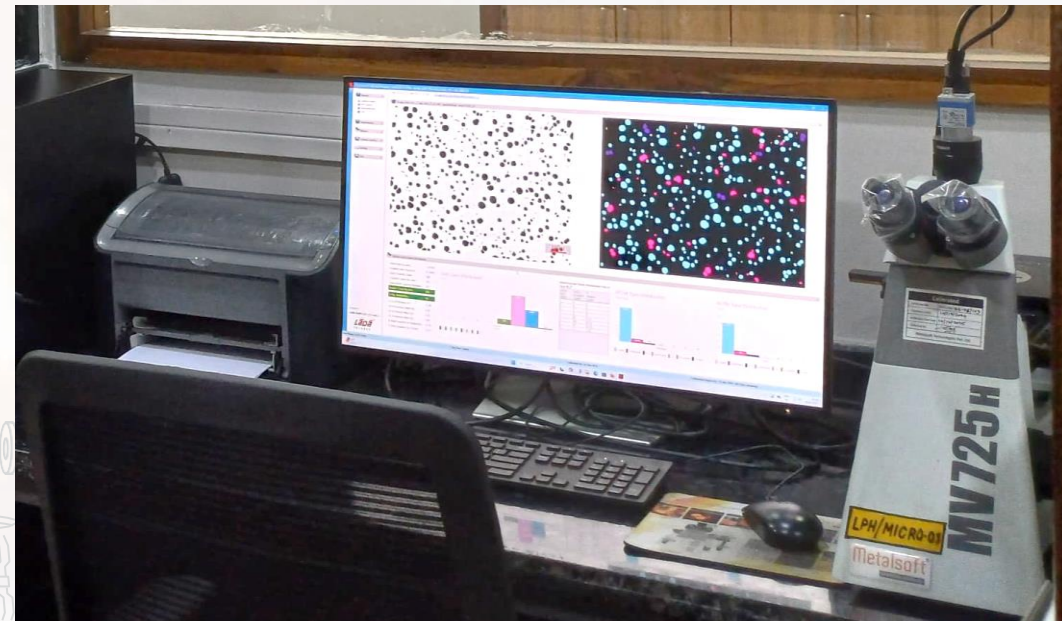
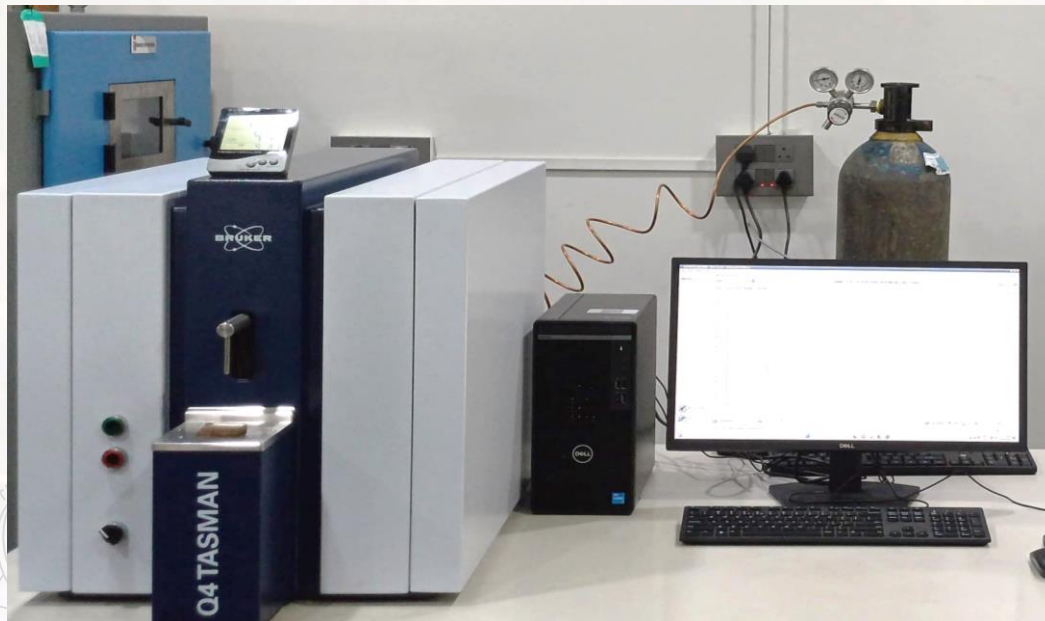
- ☐ Clay washer
- ☐ Methylene Blue Clay Tester
- ☐ Sieve Shaker
- ☐ Rapid drier
- ☐ Rapid Moisture tester
- ☐ Sand Rammer
- ☐ Digital Compatibility Tester
- ☐ Digital Permeability Meter
- ☐ Digital Universal Strength Testing Machine (Hydraulic)
- ☐ Mould Hardness Tester
- ☐ Digital Core Hardness Tester
- ☐ Muffle furnace
- ☐ Laboratory oven
- ☐ Hot plate
- ☐ Digital Weight Tensile Strength Tester



METAL TESTING LABORATORY

- ❑ 2 Nos. Chemistry Testing Spectro meters (Bruker Make).
- ❑ 2 Nos. Metallurgical microscope with image analysis software (Metalsoft Make)
- ❑ 1 No. Universal Testing Machine, 400 KN Capacity
- ❑ 1 No. Universal Testing Machine, 200 KN Capacity
- ❑ 3 Nos. Optical Hardness Testing Machine.
- ❑ In house DP testing facility
- ❑ Ultrasonic Test and Radiography Test presently tie up with outsource laboratory.
- ❑ Radioactive Element testing facility (Radax Make).
- ❑ Ultrasonic Velocity Testing Machine (Modsonic Make).
- ❑ Industrial Boroscope with 4.5 mm probe (KENCY Make)

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OUR ESTEEMED CUSTOMERS



John Deere & Company,

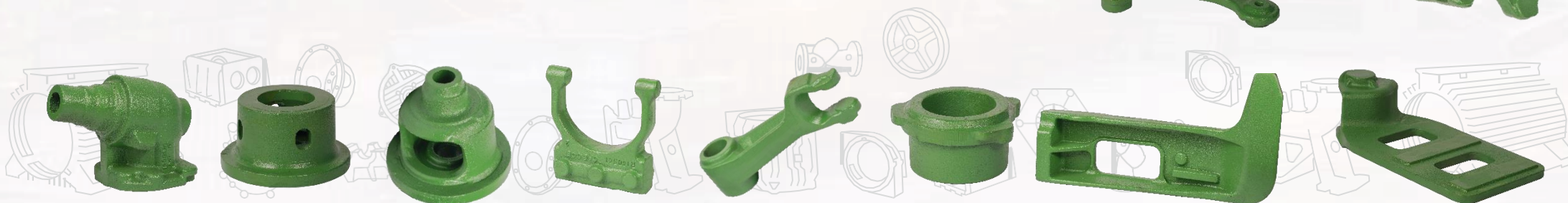
Lada Foundry (TIER 1 Supplier)

Supply from 2010

Supply volume – 350 tons/ Month

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- | | |
|---------------------------------------|--|
| ▪ Center link bracket (Single Source) | ▪ Rear Axel Housing 23303 (SOB 70%) |
| ▪ DCH 139863 (Single Source) | ▪ Yoke Main Clutch 40433 (Single Source) |
| ▪ DCH 252594 (Single Source) | ▪ Yoke Main Clutch 113794 (Single Source) |
| ▪ Cover 252596 (Single Source) | ▪ Yoke Main Clutch 140541 (Single Source) |
| ▪ Pedal 961 (Single Source) | ▪ Yoke Main Clutch 139811 (Single Source) |
| ▪ Piston 20738 (Single Source) | ▪ Support 113593 (Single Source) |
| ▪ Lift Arm R 256695 (Single Source) | ▪ Support 47086 (Single Source) |
| ▪ Lift Arm R 256696 (Single Source) | ▪ Bearing Housing 292977 (Single Source) |
| ▪ Guide Release 980 (Single Source) | ▪ Hitch Wagon SU 57030 (Single Source) |
| ▪ Guide Release 747 (Single Source) | ▪ Bracket Hitch Stabilizer (Single Source) |
| ▪ Guide Release 538 (Single Source) | ▪ Lift Arm SU 53427 (Single Source) |
| ▪ Lever 10953 (Single Source) | ▪ Lift Arm 56185 (Single Source) |
| ▪ Lever 12715 (Single Source) | |



Bonfiglioli Transmissions Pvt. Ltd. , Chennai

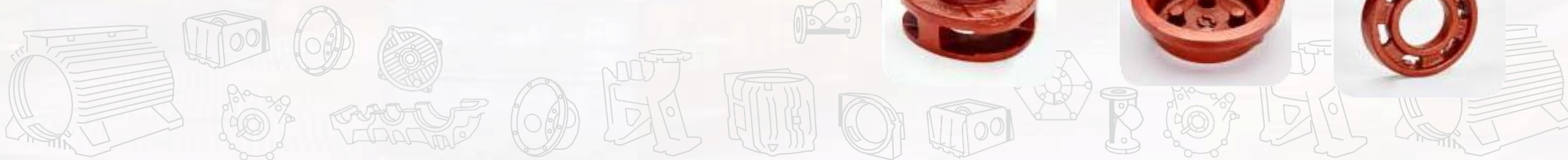
Lada Foundry (TIER 1 Supplier)

Supply Volume 125 Tons Per Month

Parts Supply :-

- Various Types of Housings
- Various Types of Carriers
- Various Types of Covers
- Spindle
- Flanged Hub

Single Source Supply from 2017





FIE SpheroTech

(TIER 1 Supplier)

Lada Foundry (TIER 2 Supplier)

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Share of Business 70%

Supply Volume 150 Tons Per Month

Parts Supply :-

- A mount Bracket
- A mount Arm
- Flange Front
- Bearing Cap
- Guide Plate
- B Mount Bracket
- Engine Mount Bracket
- Output Flange
- C Mount Bracket
- Cross Head Upper
- Cross Head Lower
- Drum with & without ring

Single Source Supply from 2021





Tractors and Farm Equipments,
Lada Foundry (TIER 1 Supplier) Supply from
2023
Supply volume – 75 tons/ Month

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- Diff Case Lh -
- Diff Case Rh -
- Case Front Axle -
- Trunnion - Atom -
- Sleeve Pinion -
- Fork Clutch Release Shaft -
- Sleeve Oil Seal -
- Pedal Diff. Lock -
- Carrier Planetary -
- ASSLY - Diff Case Lh And Rh -
- Case Differential Fr -
- ASSY - Diff Carrier And Bearing Cap
- Case Differential Rear -
- Case Diff. Front -
- Case Bevel Gear -
- Case Front Axle (Comp) -
- Cap Diff. Bearing -





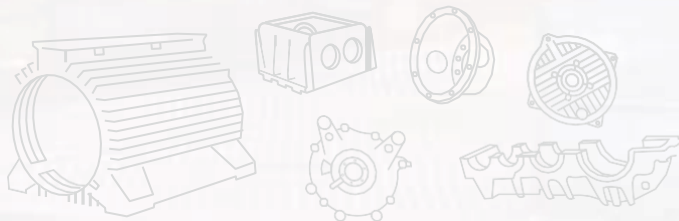
Spack Automotive Ltd, Greater Noida
(TIER 1 Supplier) Lada Foundry (TIER 2 Supplier)

Supply Volume 50 Tons Per Month

Parts Supply :-

- Plate Center
- Toggle Upper
- Toggle Lower
- Mounting Base LH / RH
- Arm Outer
- Bracket Mounting Upper

Single Source Supply from 2010



Qualitas Exports, Pune

(TIER 1 Supplier to **rotork** (UK)) and **TORO** (USA)

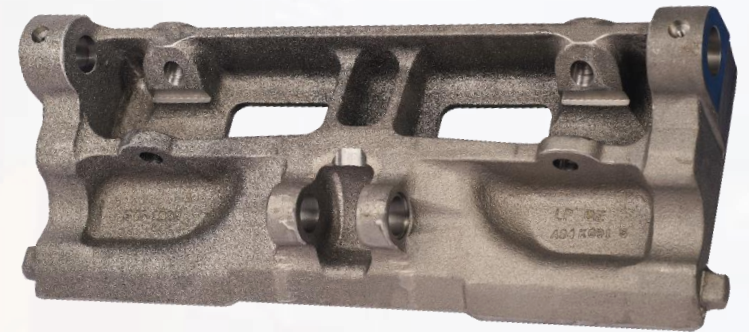
Lada Foundry (TIER 2 Supplier)

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Supply Volume 100 Tons Per Month

Parts Supply :-

- Worm Quadrants
- Output Gears
- Housings
- Yokes
- Attachment Plate
- Operator Platforms
- Gearboxes
- Covers
- Flanges
- Link Housings
- Rotor Break



Single Source Supply from 2009





(Switzerland)

Rieter India Ltd. , Satara

Lada Foundry (TIER 1 Supplier)

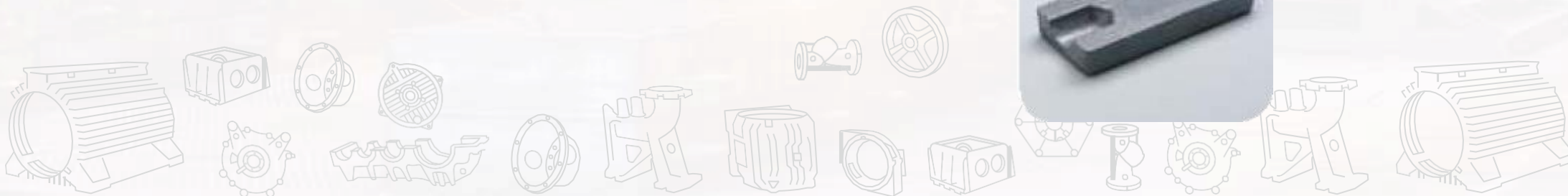
Supply Volume 25 Tons Per Month

Parts Supply :-

- Clamping Hub Cutter
- Retaining Hub Cutter
- LH / RH Clutch
- Motor
- Carrier
- Clamping Piece

Single Source Supply from 2010

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Brakes India Ltd , Chennai

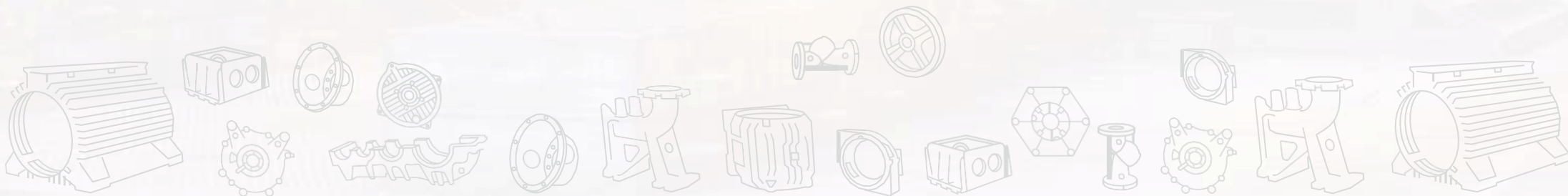
Lada Foundry (TIER 1 Supplier)

Supply Volume 25 Tons Per Month

Parts Supply :-

- Various Types of Torque Plates
- Various Types of Brake Actuating Discs

Supply from 2023



SONA BLW, Gurgaon

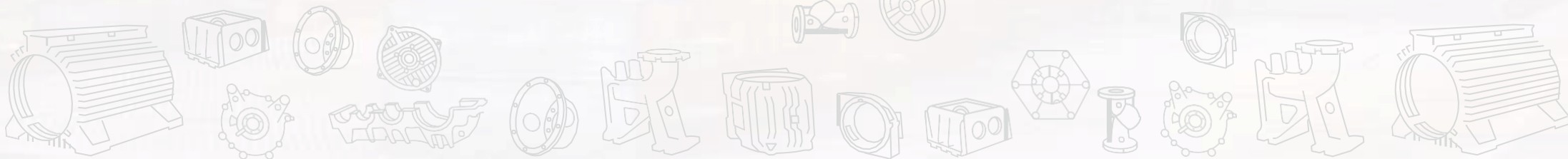
Lada Foundry (TIER 1 Supplier)

Supply Volume 25 Tons Per Month

Parts Supply :-

- Various Types of Deferential Case housings

Supply from 2010



The CLIMAX logo is displayed in white, bold, sans-serif capital letters on a dark green rectangular background.

Climax Engineering

(TIER 1 Supplier of Emerson)

Lada Foundry (TIER 2 Supplier)

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Share of Business 100%

Supply Volume 50 Tons Per Month

Parts Supply :-

- Shaft Eccentric G02,
- Shaft Eccentric G03,
- Shaft Eccentric G04,
- Shaft Eccentric G29,
- Shaft Eccentric G 624,
- Shaft Eccentric G 649,
- Cranck Shaft B01
- Cranck Shaft B06
- Cranck Shaft B07

Single Source Supply from 2019



MSL Drive line , Nashik

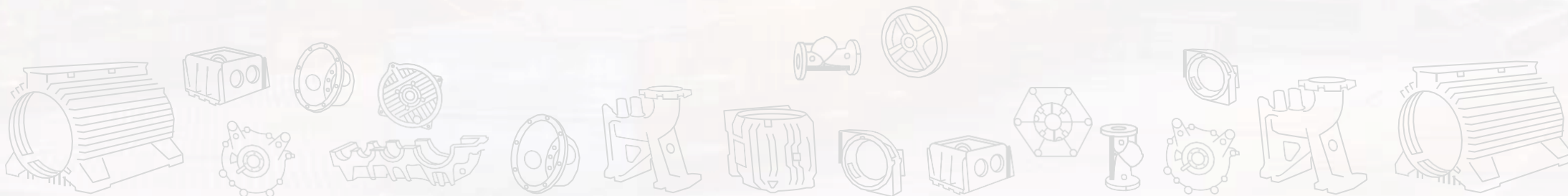
Lada Foundry (TIER 1 Supplier)

Supply Volume 25 Tons Per Month

Parts Supply :-

- Various Types of Sleeve Yokes
- Various Types of Flange Yokes

Supply from 2010



Some Parts for our other Customers

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Fly Wheel For
Caterpillar



Housing For Hitachi



Bracket For Hitachi



Cover For Hitachi



Bracket For Hitachi



Pumping Piston For
WISCO



Bearing Cap For
Kirloskar



Damper Hsg For
Hodek Vibrations



Base Plate For Egof



Coupling For Vulcan



Spider Brake For
AXELTECH



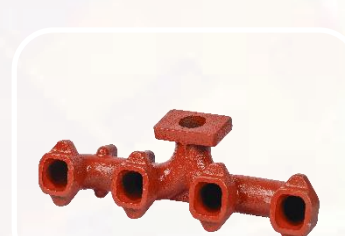
Pulley For Surya



Yoke For EGoF



3 Cylinder Manifold
for CNH



4 Cylinder Manifold
For CNH



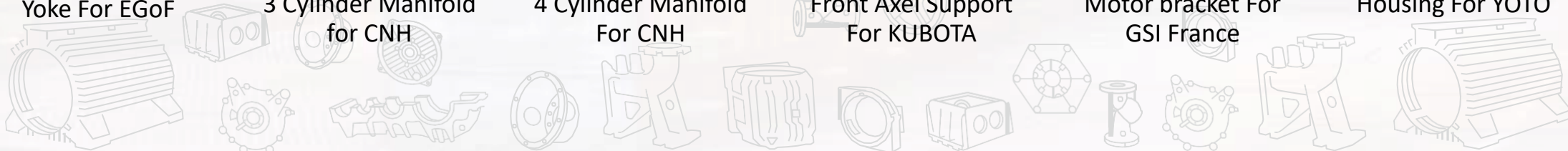
Front Axel Support
For KUBOTA

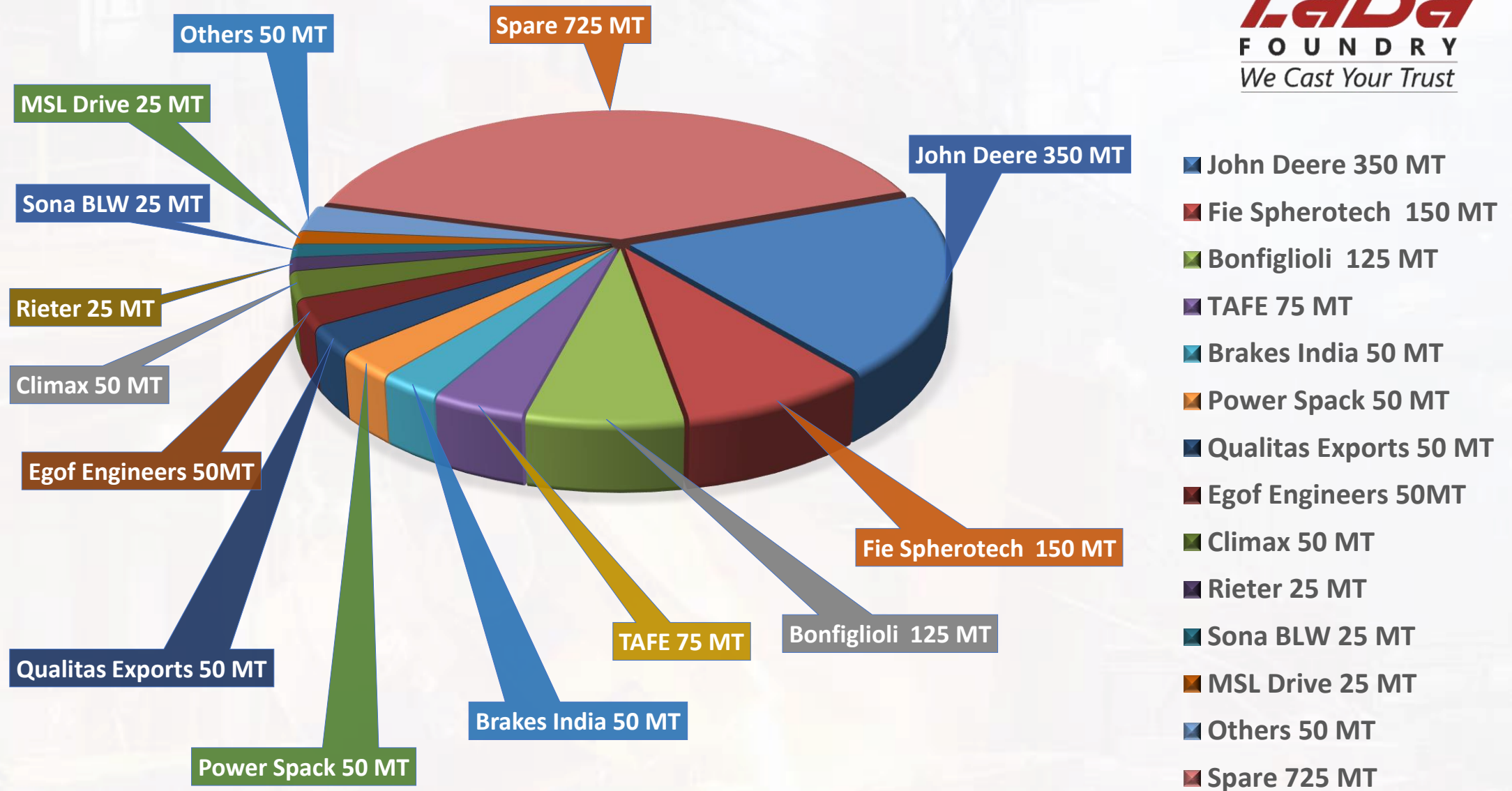


Motor bracket For
GSI France

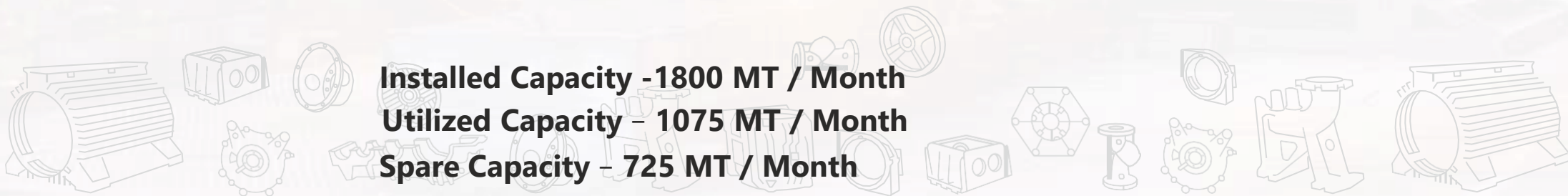


Housing For YOTO





Installed Capacity - 1800 MT / Month
Utilized Capacity - 1075 MT / Month
Spare Capacity - 725 MT / Month



Certification Plans

Road Map for 2025-2026

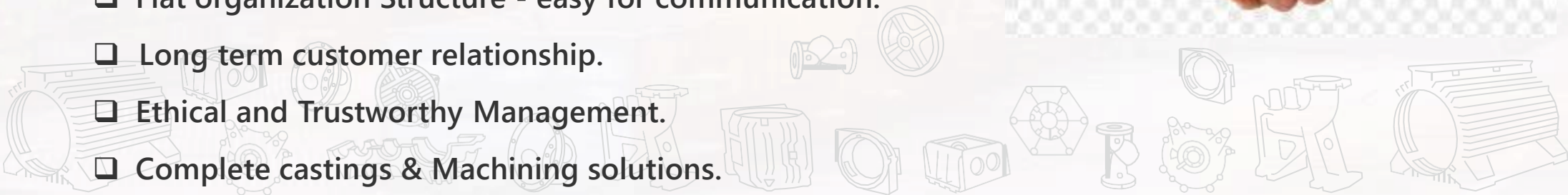
CQI 27 Certification.

ISO 45001: 2018 and 14000 : 2018 Certification.



Why Cast with us?

- ❑ Exclusive Ductile Iron Foundry (400+ Varieties of castings developed) With Precision and well equipped Machineshop
- ❑ IATF 16949 : 2018 Certified Organisation.
- ❑ Rapid Development – less than 6 weeks and focus on FTR.
- ❑ Consistent quality with Reliability
- ❑ On time Delivery - more than 95%.
- ❑ Customer focused management – customer satisfaction index more than 90%.
- ❑ Young team with average age 40 years.
- ❑ Flat organization Structure - easy for communication.
- ❑ Long term customer relationship.
- ❑ Ethical and Trustworthy Management.
- ❑ Complete castings & Machining solutions.



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MACHINE SHOP



ABOUT THE MACHINE SHOP

- ❑ Installed 28 machines (HMC, VMC , VTL , CNC) with Advance technology and Well equipped inspection facility.
- ❑ In phase II products specific machining line will be installed.
- ❑ Building - Shop - 3200 Sq. Mtrs.
- ❑ Office – 300 Sq Mtrs.
- ❑ Total - 3500 Sq. Mtrs.
- ❑ Employment :- Workers - 80
- ❑ Technical Staff - 10
- ❑ Commercial Staff - 02
- ❑ Managerial Staff - 03
- ❑ Total - 95

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MACHINE SHOP



MACHINE SHOP



LIST OF MACHINERIES

Sr. No.	Machine	Make	Model	Spec	Sr. No.	Machine	Make	Model	Spec
CNC – 3 Nos					VMC – 11 Nos				
1	CNC	LMW	LL20TL5	CHUCK DIA. 250 MM 8 TOOL	1	VMC	DOOSAN	DNM 5700	TABLE SIZE - 500 X 1000 MM, Z- 600 MM, ATC 30, THROUGH COOLENT, BT 40
2	CNC	LMW	LL20TL5	CHUCK DIA. 250 MM 12 TOOL	2	VMC	DOOSAN	DNM 5700	TABLE SIZE - 500 X 1000 MM, Z- 600 MM, ATC 30, THROUGH COOLENT, BT 40
3	CNC	LMW	LL20TL5	CHUCK DIA. 250 MM 12 TOOL	3	VMC	BFW	BMV 60 TC ++	TABLE SIZE - 1250 X 650 MM, Z- 600 MM, ATC 30, THROUGH COOLENT, BT 40
HMC – 4 Nos					4	VMC	BFW	BMV 60 TC ++	TABLE SIZE - 1250 X 650 MM, Z- 600 MM, ATC 30, THROUGH COOLENT, BT 40
1	HMC	DOOSAN	HC 500 II	TABLE SIZE - 500 X 500MM, BT 40, 60 ATC	5	VMC	BFW	XTRON 900	TABLE SIZE - 500 X 900 MM, Z- 600 MM, ATC 30, 4TH AXIS Y ATTACHMENT PROBING FACILITY
2	HMC	DOOSAN	NHP 5000	TABLE SIZE - 500 X 500MM, BT 40, 60 ATC	6	VMC	BFW	XTRON 900	TABLE SIZE - 500 X 900 MM, Z- 600 MM, ATC 30, 4TH AXIS Y ATTACHMENT PROBING FACILITY
3	HMC	DMG	NHC 5000	TABLE SIZE - 500 X 500MM, BT 40, 60 ATC (AUTO HYD. COUPLER)	7	VMC	AMS	ACER	800X510X500 ATC-30 4 TH AXIS
4	HMC	DMG	NHC 5000	TABLE SIZE - 500 X 500MM, BT 40, 60 ATC (AUTO HYD. COUPLER)	8	VMC	AMS	ACER	800X510X500 ATC-30
VTL – 8 Nos					9	VMC	AMS	ACER	800X510X500 ATC-30 4 TH AXIS
1	VTL	DOOSAN	PUMA V-8300	CHUCK DIA. 600 MM	10	VMC	AMS	ACER	800X510X500 ATC-30 4 TH AXIS
2	VTL	HWACHEON	VT-650 R	CHUCK DIA. 600 MM With Probing Facility	11	VMC	AMS	MCV 450	800X450X450 ATC-30
3	VTL	HWACHEON	VT-650 R	CHUCK DIA. 600 MM With Probing Facility					
4	VTL	DOOSAN	PUMA V-400	CHUCK DIA. 400 MM					
5	VTL	AMS	VTL-30/700	CHUCK DIA. 400 MM					
6	VTL	AMS	VTL-30/700	CHUCK DIA. 400 MM					
7	VTL	AMS	VTL-30/700	CHUCK DIA. 400 MM					
8	VTL	AMS	VTL-30/700	CHUCK DIA. 400 MM					

INSPECTION FACILITY



- ❑ MACHINE - CMM
- ❑ MITUTOYO MODEL - CRT-AS9166

SPECIFICATION

RANGE - 900X1600X600 MM CNC CMM,
ACCURACY - $[1.7 + 3.00XL/1000]$ MM,
WITH SCANNING MODULE



- ❑ MACHINE - CONTRACER
- ❑ MAKE - MAHR (GERMANY)
- ❑ MODEL - CdI20 MOTORIZED Z AXIS

SPECIFICATION

LENGTH OF MEASUREMENTS 120MM
ELECTRONICALLY BALANCED,
PROBE MAGNETIC,
ACCURACY - $\pm (2 + L/50)$ MICRONS



- ❑ MACHINE - SURFACE TESTER
- ❑ MAKE - MITUTOYO
- ❑ MODEL - SJ-210
- ❑ SPECIFICATION - 1 MICRON

INSPECTION FACILITY



- ❑ MACHINE - DIGIMAR
- ❑ MAKE - MAHR (GERMANY)
- ❑ MODEL- 817 CLM

SPECIFICATION

0-600MM MEASUREMENTS

List Count - 1 MICRONS

* IN OTHER FACILITY AIR

GAUGES DIALS, BORE GAUGES,
MICRO METERS, AVAILABLE.



- ❑ Zoller Presetter
- Smile Advance Tool Presetter
and Measuring Machine Max
Tool Length Z - 350 MM, Max
Tool Dia - 320 MM



- ❑ Component washing Cleaning
Machine 500 Kg - Hanger Type

STATE OF ART PRODUCTION FACILITY



HMC - DMG Make 500
*500 Table Hydraulic
Auto Coupler ATC - 60 Nos.



Air Gauge units



Industry 4.0 - Auto Offset,
Tool Life monitoring, OEE Monitoring

Broching Machine



Broching Machine

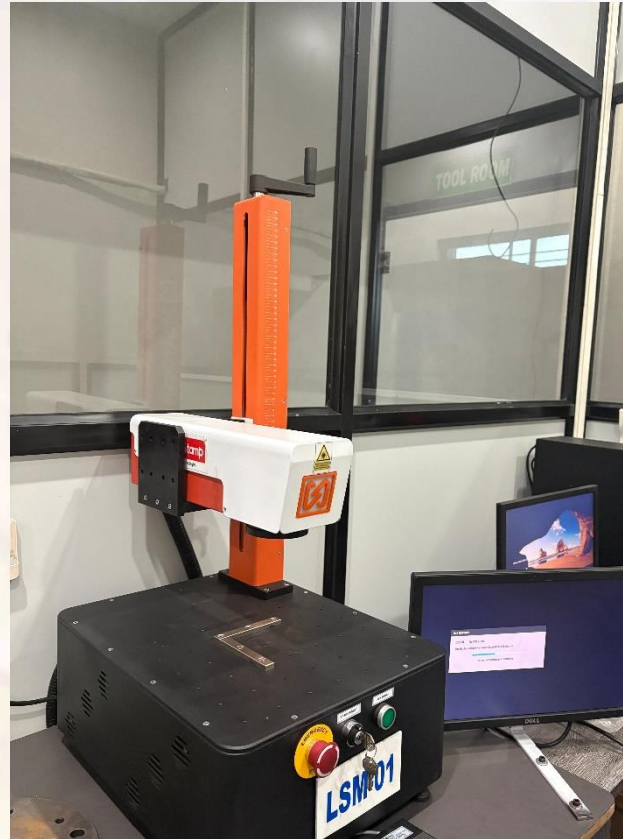
Make – Dynamic Hydraulics

Broching Specification

Stroke – 1600mm

Pressure – 16 Ton

Laser Marking Machine

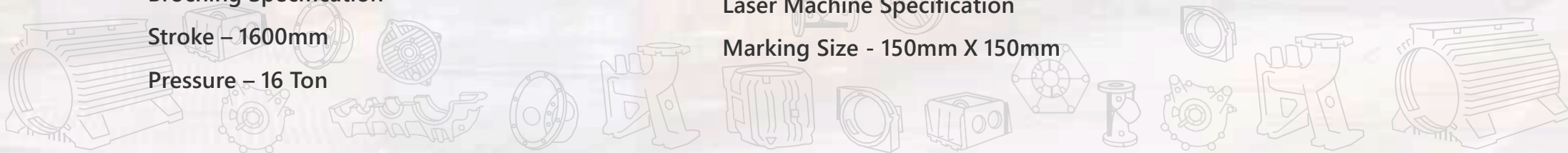


Laser marking Machine

Make – Stampit Robotai and solutions

Laser Machine Specification

Marking Size - 150mm X 150mm



PARTS GALLERY



EQI Housing



Gear Box
Housing



Flanged Hub



Flanged Hub



Housing



Connect Cover



Carrier



Plane Cover



Angular Housing



Carrier



Carrier



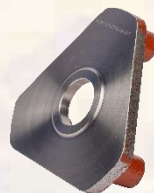
Cover C/W Pin



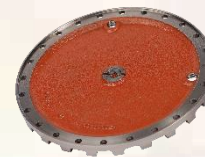
Housing



Housing



Carrier



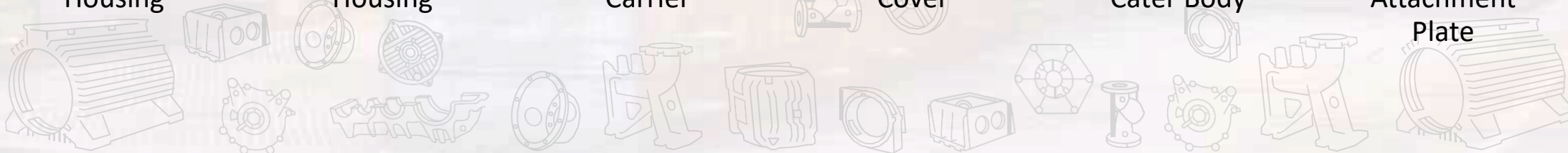
Cover



Cater Body



Attachment
Plate



PARTS GALLERY

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MACHINE SHOP



JD Link



Brake Drum



Inserto



Operator Plat-
Form



Rear Axel



Sleeve Pinion



Deferential
Case



Oil Seal



Cover



Deferential
Case



V Pulley



Carrier



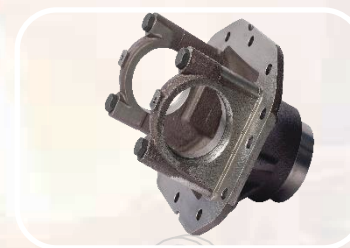
Deferential
Case



NTBC Body



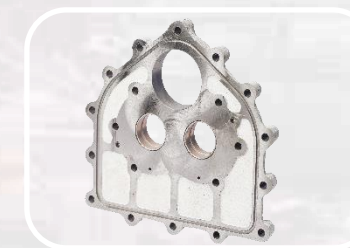
Case Front Axel



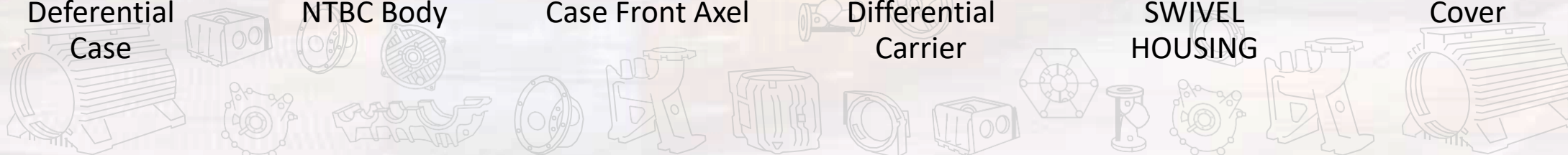
Differential
Carrier



SWIVEL
HOUSING



Cover



We now look forward for the opportunity to work with
you

Thank You



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MACHINE SHOP