FINECAST INDUSTRIES

The Gateway to Cast Iron & Ductile Iron Castings



MANUFACTURING LOCATIONS

FINECAST INDUSTRIES

MACHINING DIVISION





FINEX TECHNOCAST

FOUNDRY DIVISION

Established in 1989, ***FineCast Industries*** is a leading precision engineering products manufacturer. Specializing in Electric Motor Stator Housing, Automotive parts and General Engineering components, with our state-of-the-art 10,000 m^2 advance machining set up.

Our advanced manufacturing infrastructure combines precision machining, casting, and finishing capabilities under one roof. Through continuous process optimization and automation, we maintain exceptional dimensional accuracy and reliability across every component we produce.

Associated with global industry leaders such as ***Regal Rexnord Corporation, Weg Motors, Tensa, Abb, Volvo Eicher Commercial Vehicles***, etc.. we strive for precision, quality, and client satisfaction.

FOUNDRY DIVISION - Technical Capabilities		
Process	Green Sand	No Bake Moulding
Technology	High Pressure Molding Line - DISAMATIC	Manual No Bake Process
Installed Capacity	12000 MT – Green Sand *	15000 MT – No Bake *
Current Utilization	7000 MT – Green Sand *	6800 MT – No Bake *
Part Size	Green Sand (mm) # 650 X 550 X 350	No Bake (mm) # Up to 2000
Total Area in M^2	34000	
Constructional M^2	16000	
Number of Employees	210	
Capital Invested	400 millions INR	
Part Weight Range	0.500 Kg. to 1MT weight per piece	
Material Grades	As per ASTM, DIN, IS or as per customer requirments	
Casting Tolerance	Up to CT8	

	MACHINESHOP DIVISION - Technical Capabilities
Process	Proof Machining, Finish Machining, Inspection & Packing
Technology	HMC, VMC, CNC, CNC-VTL, VTL, Robo Drill, Balancing M/c, Broaching M/c, CMM, Contour, DFT Tester, Surface Roughness Tester etc..
Total Area in M^2	10000
Constructional M^2	7200
Number of Employees	170
Capital Invested	200 millions INR
Installed Capacity	Stator Frames All Variants - 120000*
	Auto Components & Others - 360000*
Current Utilization	Stator Frames All Variants - 94800*
	Auto Components & Others - 265000*
Export %	60% of Total Production

SUPPLY CHAIN OVERVIEW

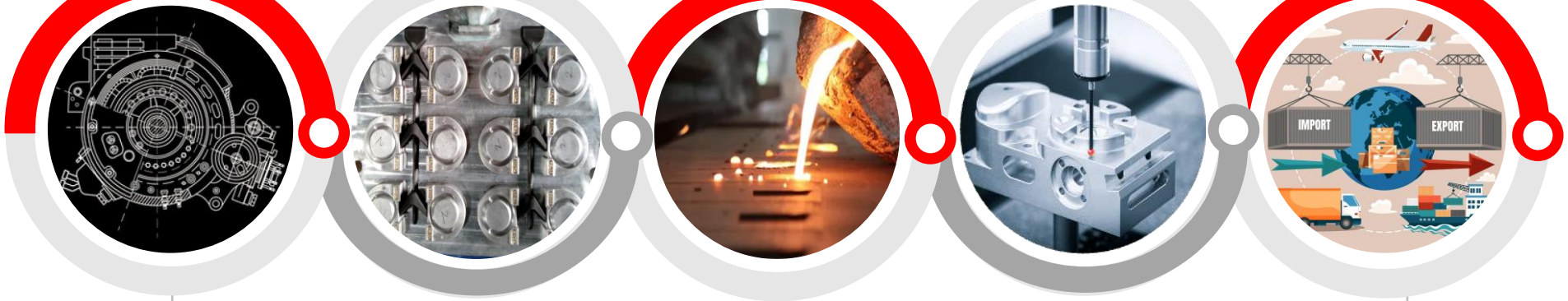
ONE STOP SOLUTION FROM DESIGN TO FINISH PARTS

Tool Making

- Aluminum Pattern Manufacturing
- Fixture Manufacturing

Machine Shop

- Proof Machining
- Finish Machining
- Final Inspection
- Packing & Dispatch



Designs & Drawings

- Receiving Drawings
- Create casting model
- Create pattern model

Foundry

- Molding
- Pouring
- Shakeout
- Grinding/Fettling & Shot Blasting

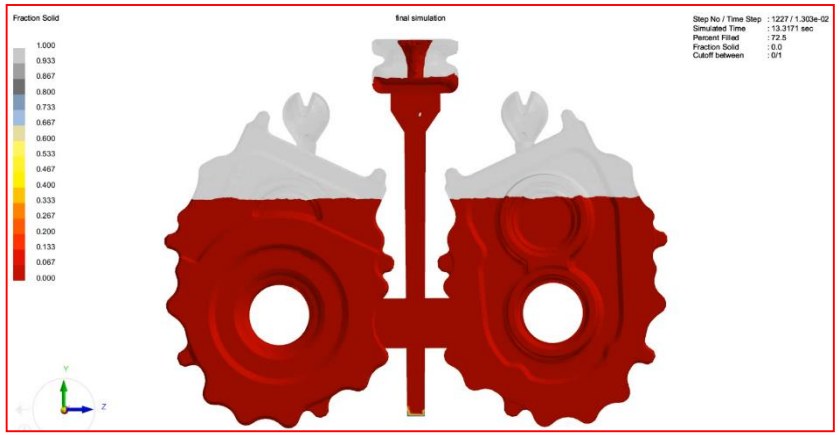
VMI

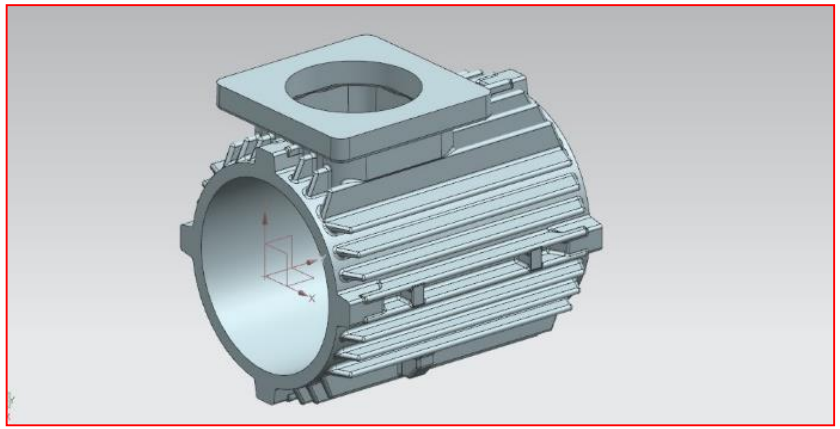
- Ocean Freights
- Overseas & Domestic Warehouse Facilities
- 3PL Services

TOOLING MANUFACTURING



TOOLING MANUFACTURING	
Make	Size
Jyoti Huron (KX 10i)	1000 X 700 X 550 mm







“DISAMATIC” Vertical Molding Machine

This molding machine is having :

- Capacity of **150 molds** per hour,
- Cake size of **650 x 550 x 350 mm**

It is based on latest pri-fill, shoot & squeeze technology, where the molding process will be extremely uniform which will result into :

- Highly consistent production with mismatch of **max. 0.2mm** in castings ,
- Consistent component weight,
- Minimum piece to piece variation,
- Mold variation,
- Wall thickness,
- Mold withdrawal with min. draft angle on pattern etc.

Specialty of this machine is higher quality molds & increased productivity.





No-Bake

Equipped with No-Bake technology with capabilities to produce casting ranging from 50 Kg to 1200 Kg per single piece. With Omega sand mixer with a capacity of 6 tons per hour, Complemented by a sand reclamation plant of 6 tons per hour.

Our molding line is capable of producing molds up to a size of 2000*2000*550 mm.

- Part Size up to **2000mm**

Our No-Bake foundry is capable in producing high quality cast iron and SG(Ductile iron) castings tailored to meet the diverse requirements of industries such as automotive, agriculture, construction, machinery & engineering.

State-of-the-Art Investment Casting Foundry

Precision Wax Injection, Ceramic Shelling & Controlled Casting

Wax Injection & Pattern Making

Precision Wax Injection

- Controlled wax injection process for highly accurate and consistent wax patterns.
- Tooling and core options to support complex geometries and near-net-shape components.
- Ensures excellent dimensional stability and repeatability.



Shell Building & Environmental Control

Ceramic Shelling & Coating

- Multi-layer ceramic slurry and stucco application for strong, consistent shells.
- Controlled drying cycles to achieve required shell thickness, strength and permeability.
- Temperature and humidity controlled environment for stable shell integrity and minimal defects.



Melting, Pouring & Casting

Precision Melting and Controlled Pouring

- Melting of metal as per specified grade and process parameters.
- Controlled pouring to ensure proper mold filling and minimize casting defects.
- Produces consistent metallurgical quality and near-net-shape castings.



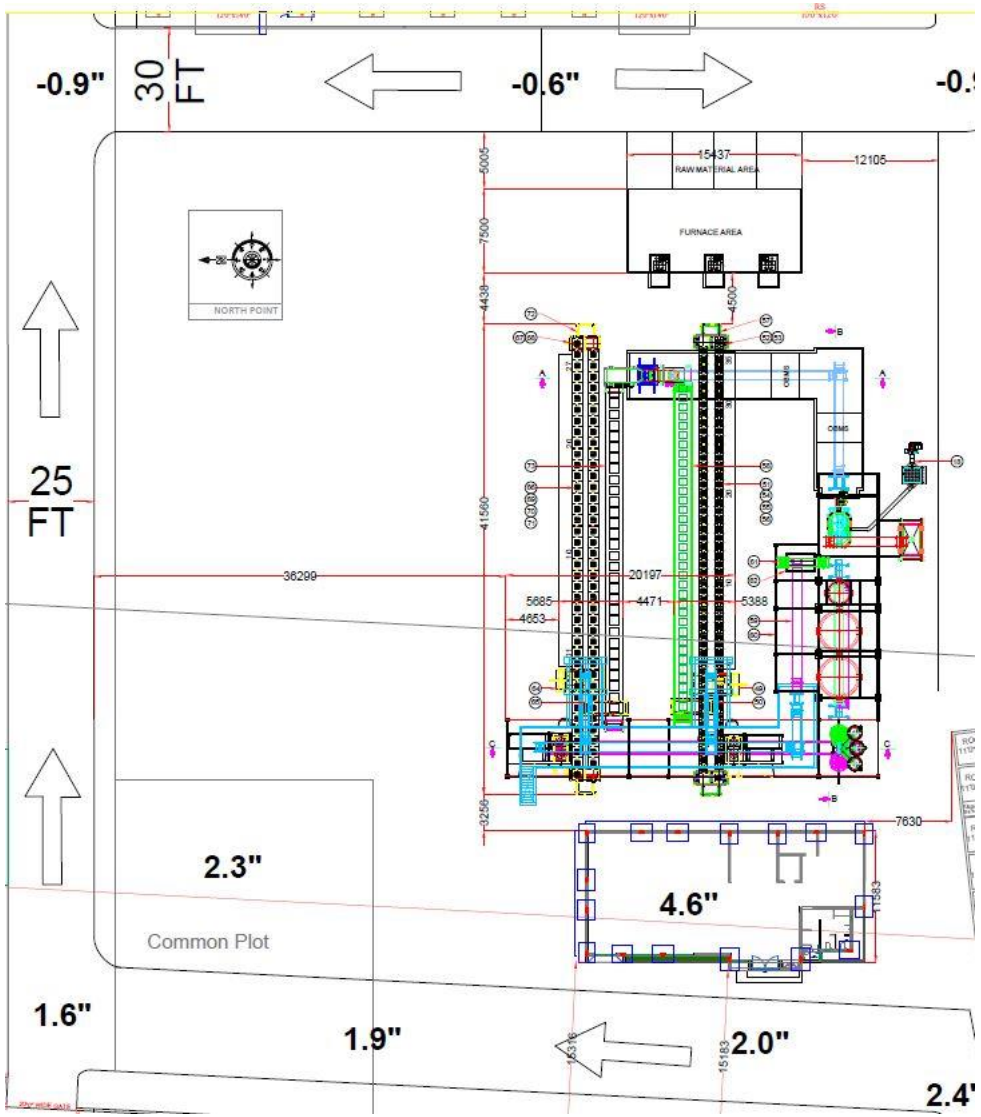
Finishing & Quality Inspection

From Shell Removal to Final Quality

- Controlled knockout to remove ceramic shells after solidification.
- Cutting, grinding, fettling and surface finishing to meet dimensional and visual requirements.
- Comprehensive inspection for dimensional, visual and metallurgical conformity as per customer specifications and standards.



OUR NEW EXPANSION





Future Expansion – Two New Foundry Lines & Corporate Office

- Horizontal High Pressure Molding Line
- Box Size: 600 × 700 & 800 x 800
- 90 Molds P/hour & 70 Molds P/hour
- High production efficiency
- Better dimensional accuracy
- Improved surface finish
- Suitable for medium to high volume castings

MACHINING FACILITIES



Vertical Turning Lathe (VTL)	
Make	Schiess, copper, tos-sk12, king, etc.
Size	Up to 1200 mm
Number	18





MACHINING FACILITIES



Horizontal Machining Centre (HMC)	
Make	Size
Makino MC -86	630 X 630 mm
Makino MC - 108	800 X 800 mm
Doosan – 400 HC	450 X 450 mm



Drilling & Tapping Centers
Robodrill of FANUC
Jyoti Tachyon with auto pallet changer and fast ATC

MACHINING FACILITIES



CNC Turning Centers	
Make	Ace Micromatic, Mazak, Okuma (Japan), Etc.



CNC Turning Centers	
Number	25 machines(Including external machine shop)
Turning Diameter	Up to 550 mm

Vertical Machining Centre	
TYPE	4- Axis, 5- Axis & Pallet Changing Machine VMC= 15 machines (including external machine shop)







MACHINING INSPECTION FACILITIES

Co-ordinate Measuring Machine (CMM)	
MAKE	Carl Zeiss
SIZE	700 x 1000 x 600 mm

Contour Measuring Machine (CMM)	
MAKE	Carl Zeiss
SIZE	Z-Axis of 450 mm

Other Measuring Equipments
Elcometer DFT Tester
Marposs Gauges
Surface Roughness Tester
Bore Gauge
Digital Vernier Calliper
Micrometers, etc.









ISO CERTIFICATES -ISO-9001

Certificate

Standard **ISO 9001:2015**

Certificate Registr. No. **01 100 2336315/01**

Certificate Holder: **FINECAST INDUSTRIES**
Survey No. 84, NH 27, Shapar,,
Rajkot - 360024, Gujarat,
India

Scope: Manufacture of Machined Metal Components

Proof has been furnished by means of an audit that the requirements of ISO 9001:2015 are met.

Validity: The certificate is valid from 2026-07-13 until 2029-07-12.
First certification 2023

2026-07-13

TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln

Certificate

Standard **ISO 9001:2015**

Certificate Registr. No. **01 100 2336315/02**

Certificate Holder: **FINEX TECHNO CAST**
Plot No 1-2, Survey No 261,
Nr Ribda Railway Crossing, At Gundasara,
Rajkot - 360311, Gujarat,
India

Scope: Manufacture of Cast Iron and Ductile Iron Casting Parts.

Proof has been furnished by means of an audit that the requirements of ISO 9001:2015 are met.

Validity: The certificate is valid from 2026-07-13 until 2029-07-12.
First certification 2023

2026-07-13

TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln

QUALITY CERTIFICATE – IATF-16949

Certificate

Standard **IATF 16949:2016**
(1st edition, 2016-10-01)

Certificate Registr. No. **01 111 2336315/01**
IATF Certificate No. 0608788

Certificate Holder: **FINECAST INDUSTRIES**
Survey No. 84, NH 27, Shapar,,
Rajkot - 360024, Gujarat,
India

IATF USI: LGFWYA

Scope: Manufacture of Machined Metal Components

Excluding Product Design

Proof has been furnished by means of an audit based on IATF Rules 6th that the requirements of IATF 16949:2016 are met.

Validity: The certificate is valid from 2026-07-13 until 2029-07-12.

Release date: 2026-07-13

TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln
Germany - NRW

2-IAO-QMC 01003

1 / 1

Certificate

Standard **IATF 16949:2016**
(1st edition, 2016-10-01)

Certificate Registr. No. **01 111 2336315/02**
IATF Certificate No. 0608789

Certificate Holder: **FINEX TECHNO CAST**
Plot No. 1-2, Survey No. 261,
Nr Ribda Railway Crossing, At Gundasara,
Rajkot - 360311, Gujarat,
India

IATF USI: CHFXHC

With remote location(s) according to annex

Scope: Manufacture of Cast Iron and Ductile Iron Casting Parts.

Excluding Product Design

Proof has been furnished by means of an audit based on IATF Rules 6th that the requirements of IATF 16949:2016 are met.

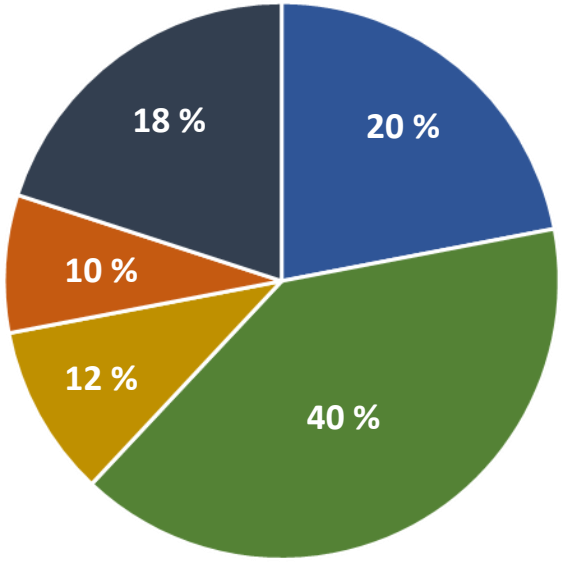
Validity: The certificate is valid from 2026-07-13 until 2029-07-12.

Release date: 2026-07-13

TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln
Germany - NRW

2-IAO-QMC 01003

1 / 2





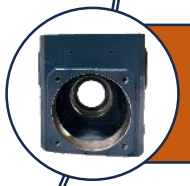
Electric Motor Industry



Auto Components



Agriculture Industry

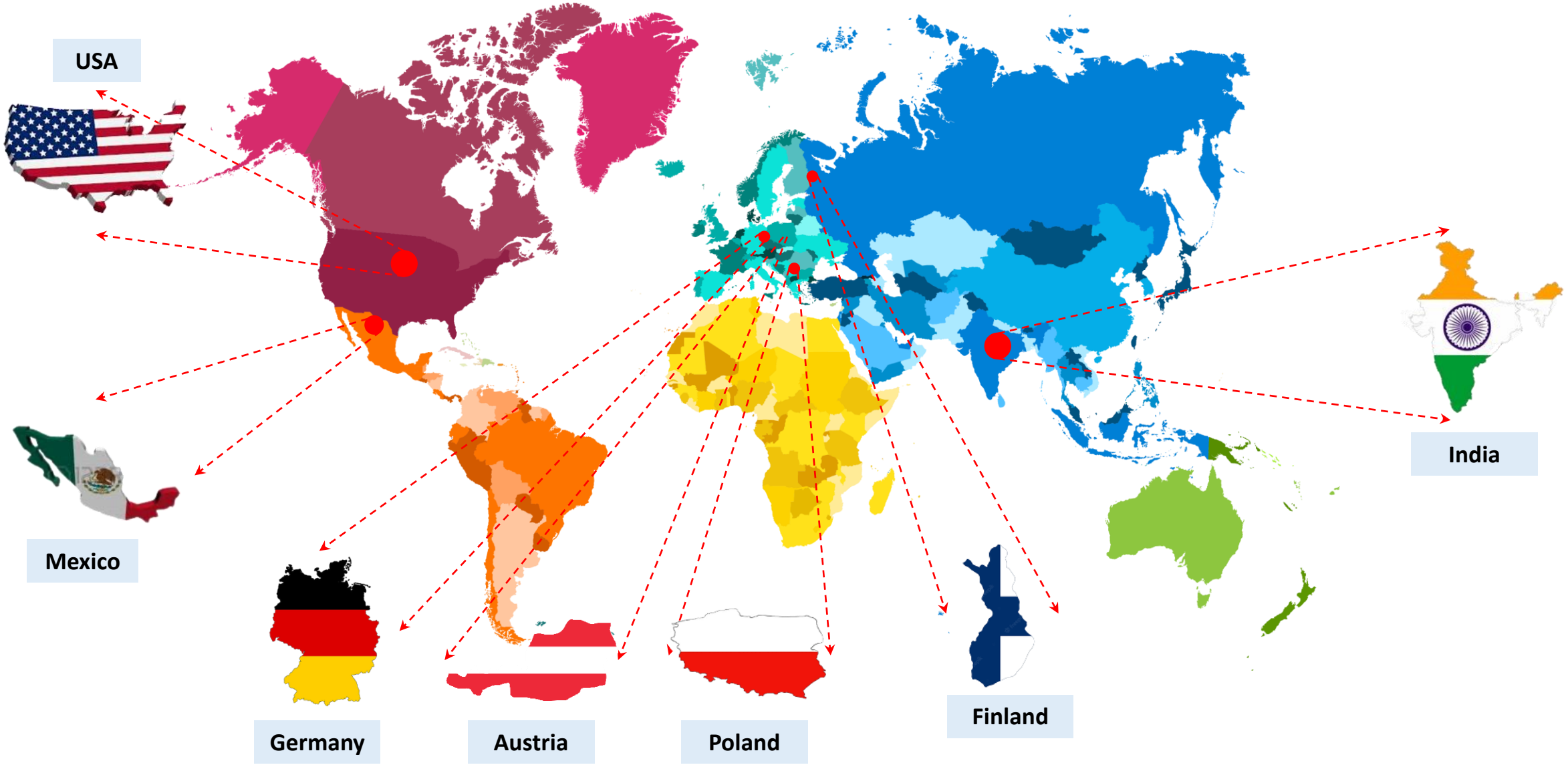


Gear Box



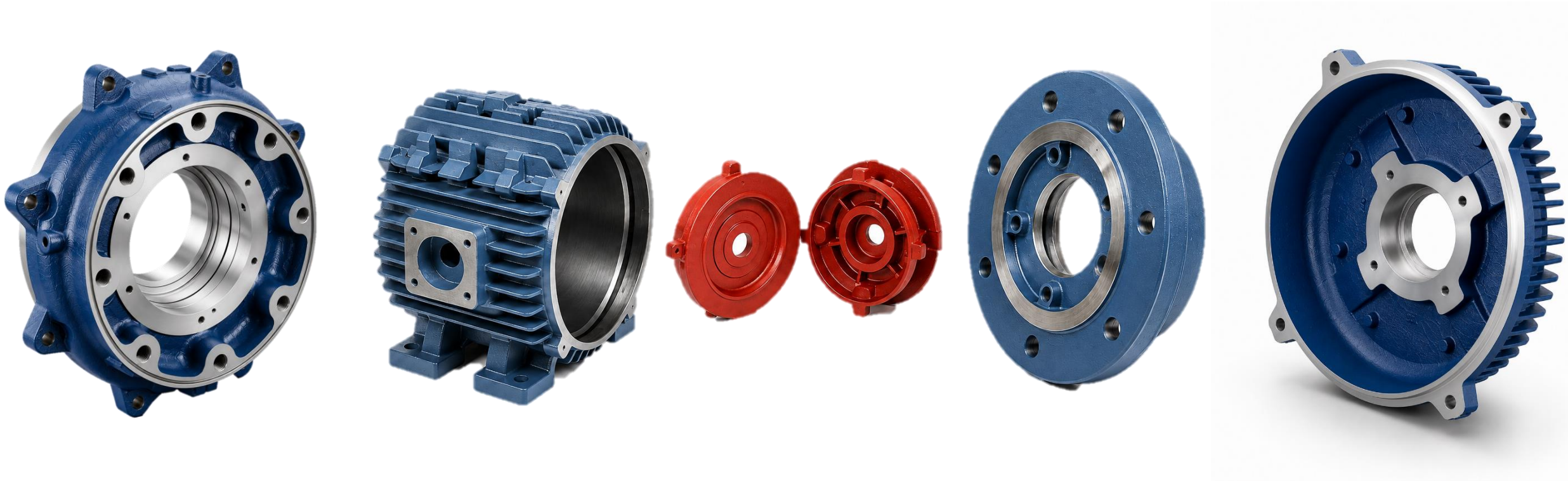
Power Transmission

COUNTRIES SERVED



PRODUCTS OVERVIEW

Parts of Electric Motors



Parts of Electric Motors









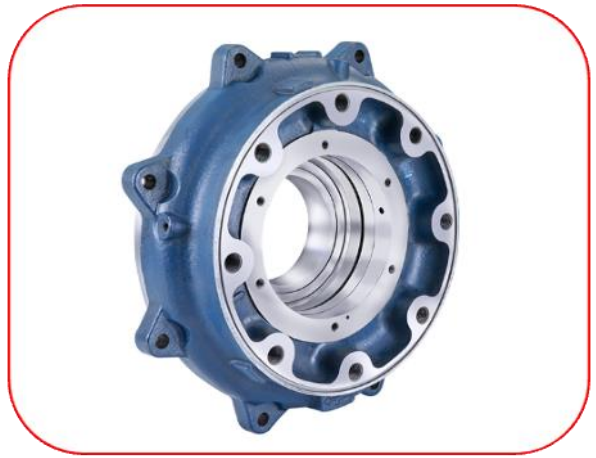


PRODUCTS OVERVIEW

Parts of Electric Motors











Auto Components (Investment Casting)





PRODUCTS OVERVIEW

Disk Brake & Brake Drum – Auto Components



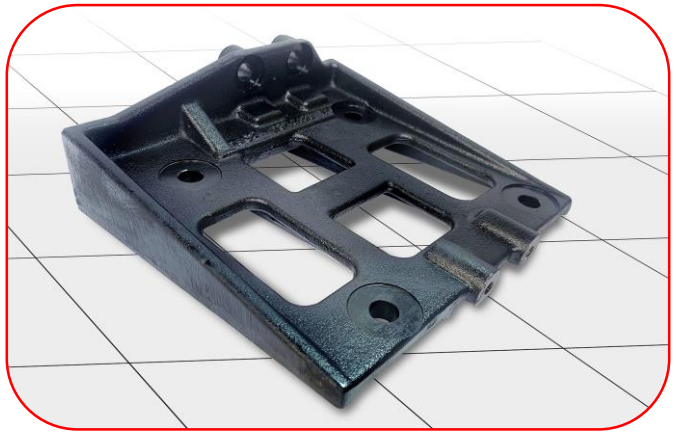


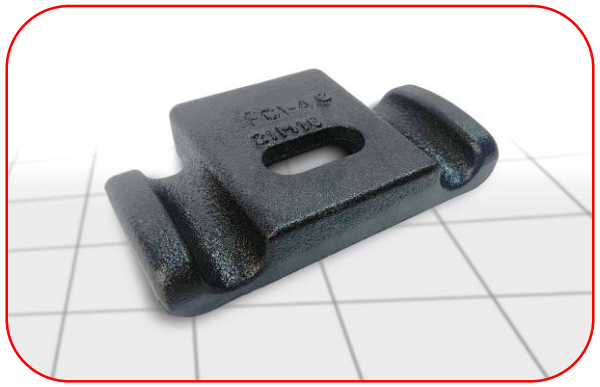


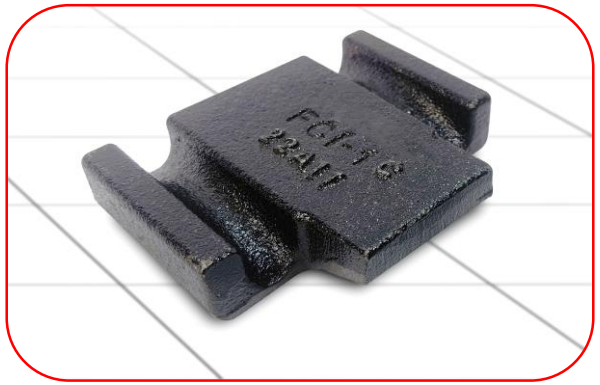


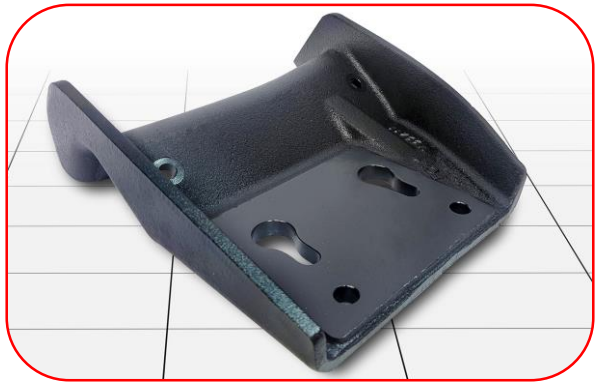
Chassis Components – Auto Components









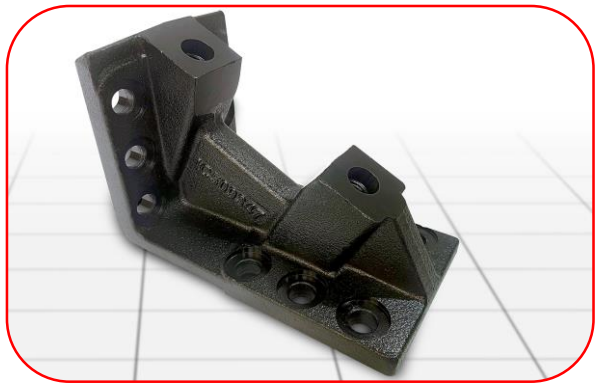


PRODUCTS OVERVIEW

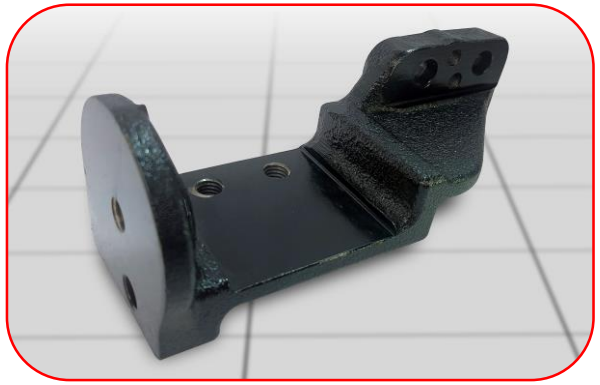
Chassis Components – Auto Components











Rear Covers – Auto Components



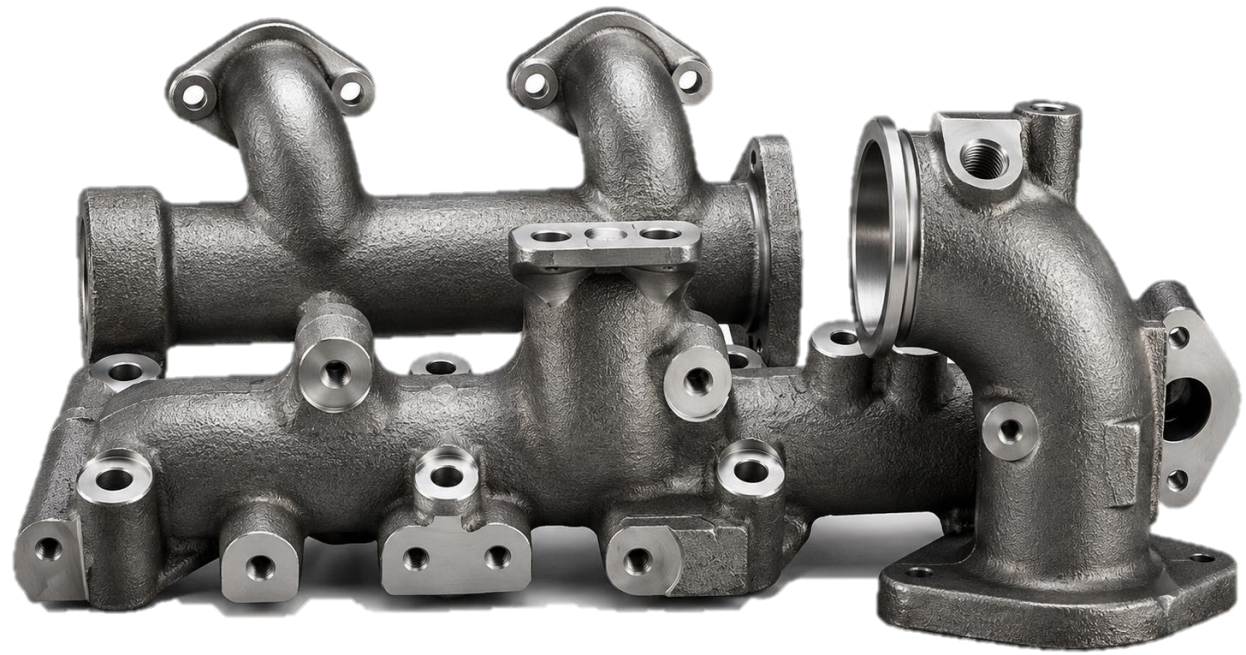






Manifolds





PRODUCTS OVERVIEW

Axle Housings & Gear Boxes







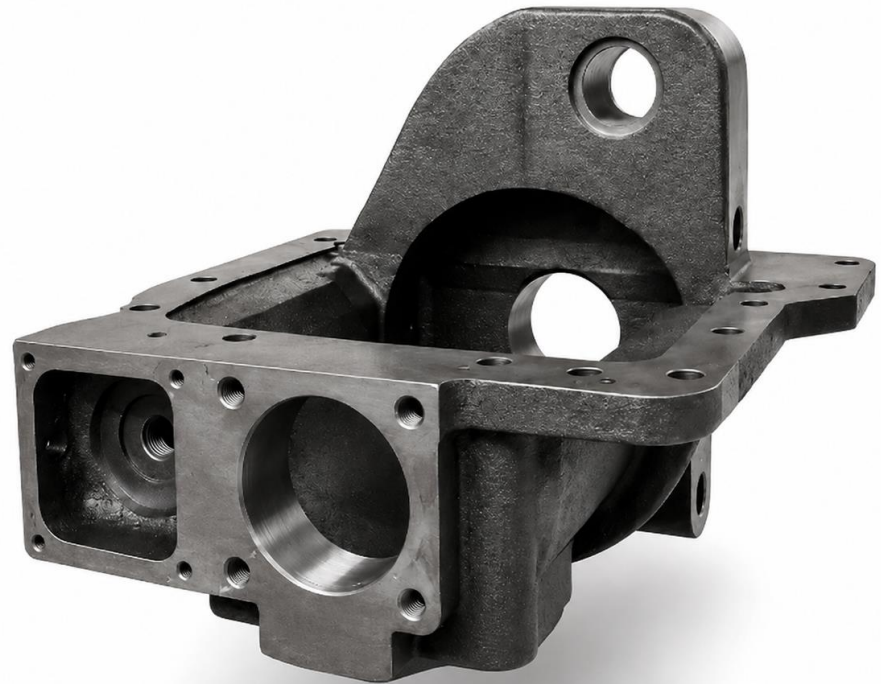
Housings



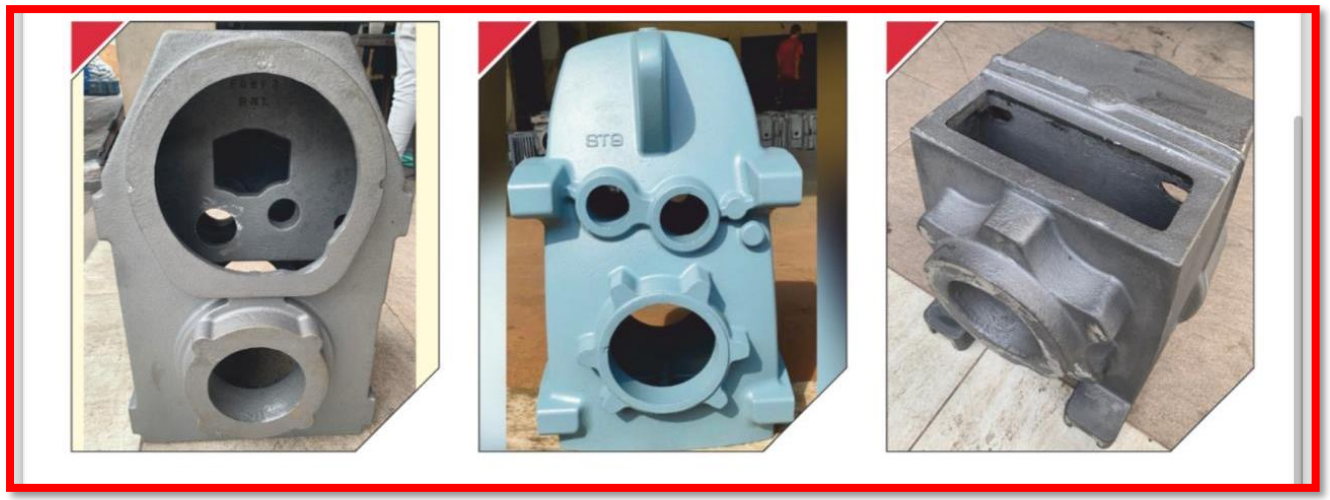


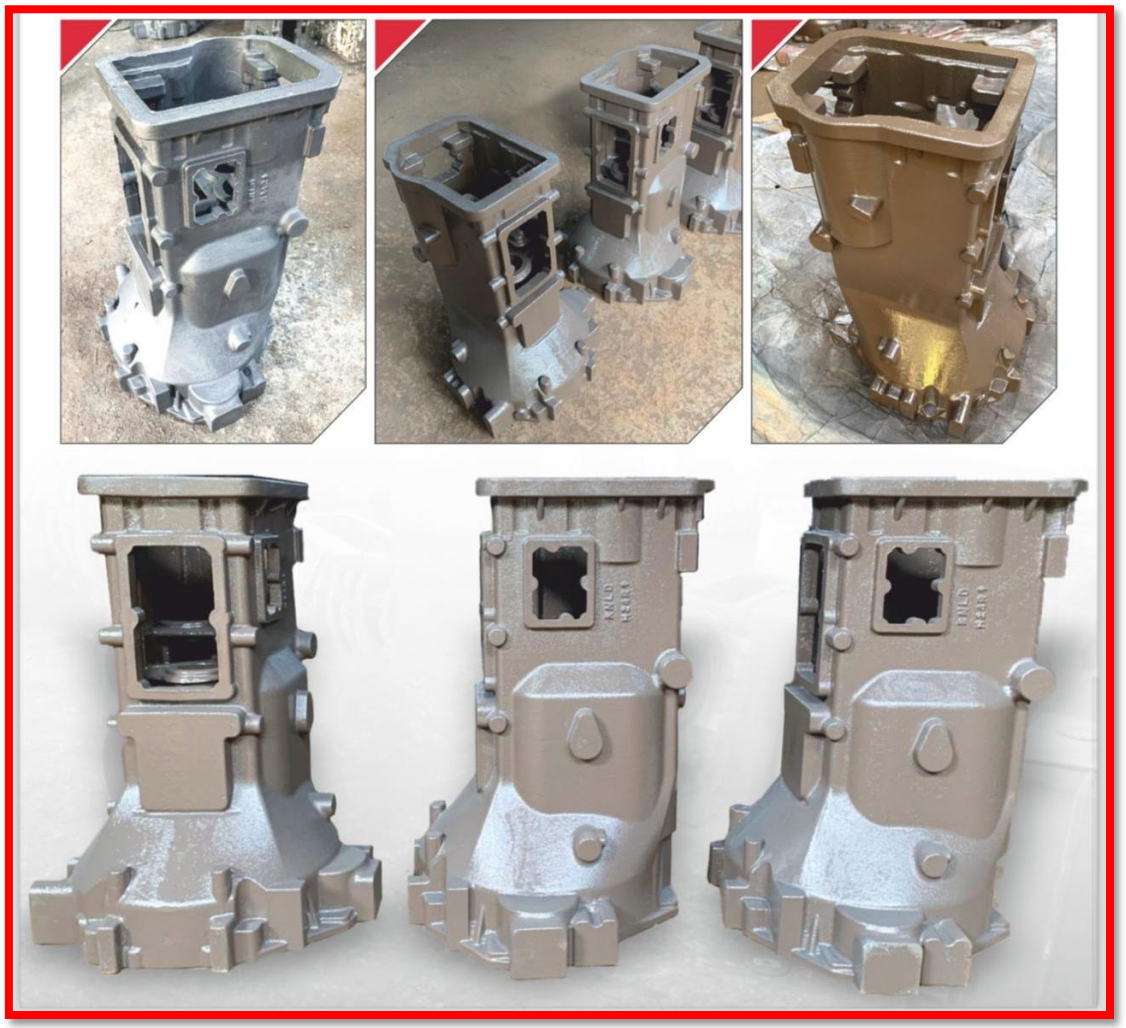
Housings





Gear Box





PRODUCTS OVERVIEW

Power Transmission Components

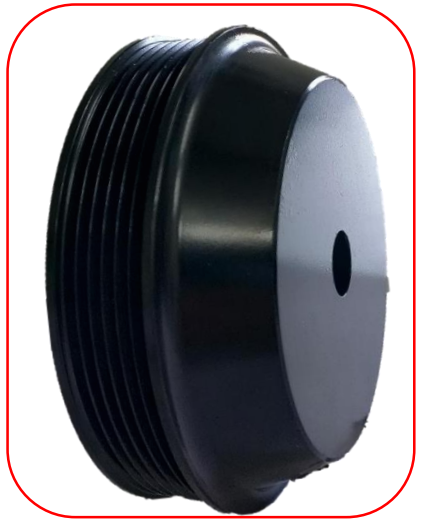












PRODUCTS OVERVIEW

Power Transmission Components





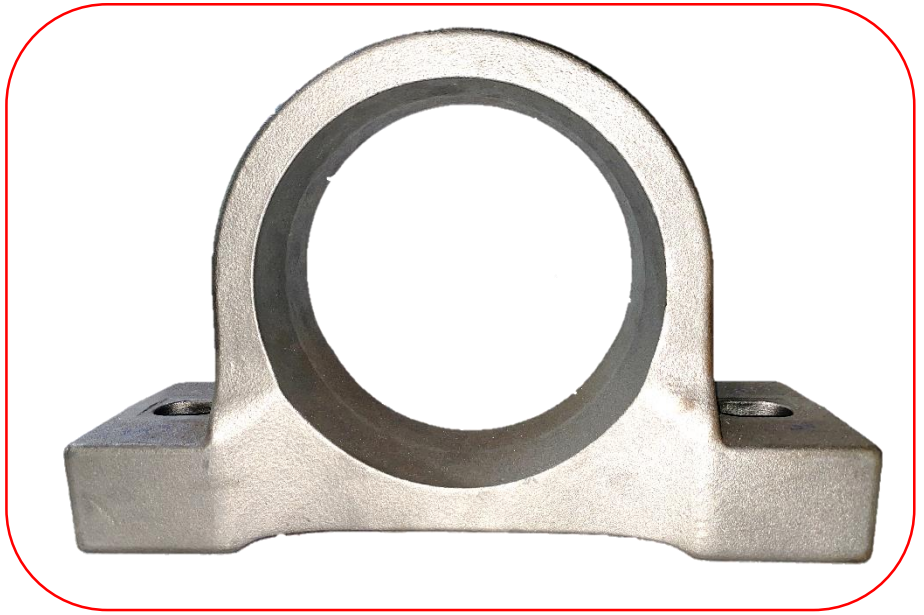






Bearing Blocks







PRODUCTS OVERVIEW

Flange & Connectors







GREEN INITIATIVE - SOLAR POWER PLANT



Solar Power Plant	
CAPACITY	1.6 MWh
ANNUAL CARBON SAVED	**1,239,732** KG CO_2 Reduction
Annual Equivalent of Trees Planted	37008 Trees
Annual Unit Generated	3162000 KWatts

VALUED PARTNERS

Regal Rexnord

ABB

CLAAS

weg

TENSA

CNH INDUSTRIAL

EICHER

JOHN DEERE

hawle

DOVER

Synoflex

VOLVO

VE COMMERCIAL VEHICLES
A VOLVO GROUP AND EICHER MOTORS JOINT VENTURE

rotomotive
looks good. performs better.

FINECAST INDUSTRIES

Mr. Kashyap Patel
(Director)

Office Address:
Survey No. 84, N.H.-27, Shapar, Rajkot 360024, Gujarat INDIA
Office: +91 990-480-5909, Direct: +91 972-516-2122
Email: kashyap@finecastindia.com
Web: www.finecastindia.com