

Facility Available

Sl No	Description	Specification
1	Moulding Line- Installed Capacity (Green Sand Mould Process)	Line- 1 : 550 Tons / Month Make : Heinrich Wagner Sinto Model : EFASD Mould Box Size: 900mm X 700mm X 300mm / 300mm
		Line- 2 : 450 Tons / Month Make : Heinrich Wagner Sinto Model : HSP1D Mould Box Size: 650mm X 500mm X 300mm / 300mm
		Line- 3 : 400 Tons / Month (Will be ready by Jan2026) Make : Heinrich Wagner Sinto Model : ZFASD3 Mould Box Size: 670mm X 550mm X 150mm / 150mm
2	Melting Furnace	1000 Kgs- 2 Nos & 500 Kgs- 2 Nos. 1000Kg- 2 Nos (by March 2026)
3	Material Grade	Grey Iron, CG Iron & SG Iron (Ductile Iron)
4	Core Making Facility	Shell Core & Cold box Core
5	Casting range	2Kg/ Pct to 110 Kg/ Pc
6	Bunch Weight	Minimum : 35 Kg Maximum : 150 Kg
7	Present Production	750 Tons / Month
8	Free Capacity Available	150 Tons / Month

Also supplies castings in machined condition.....

Facilities

Furnace



Make : Inductotherm

Model : Dual Track

Quantity : 2 No's with 1000 Kg capacity each and Operated at 1000KW
2 No's with 500 Kg capacity each and Operated at 450KW

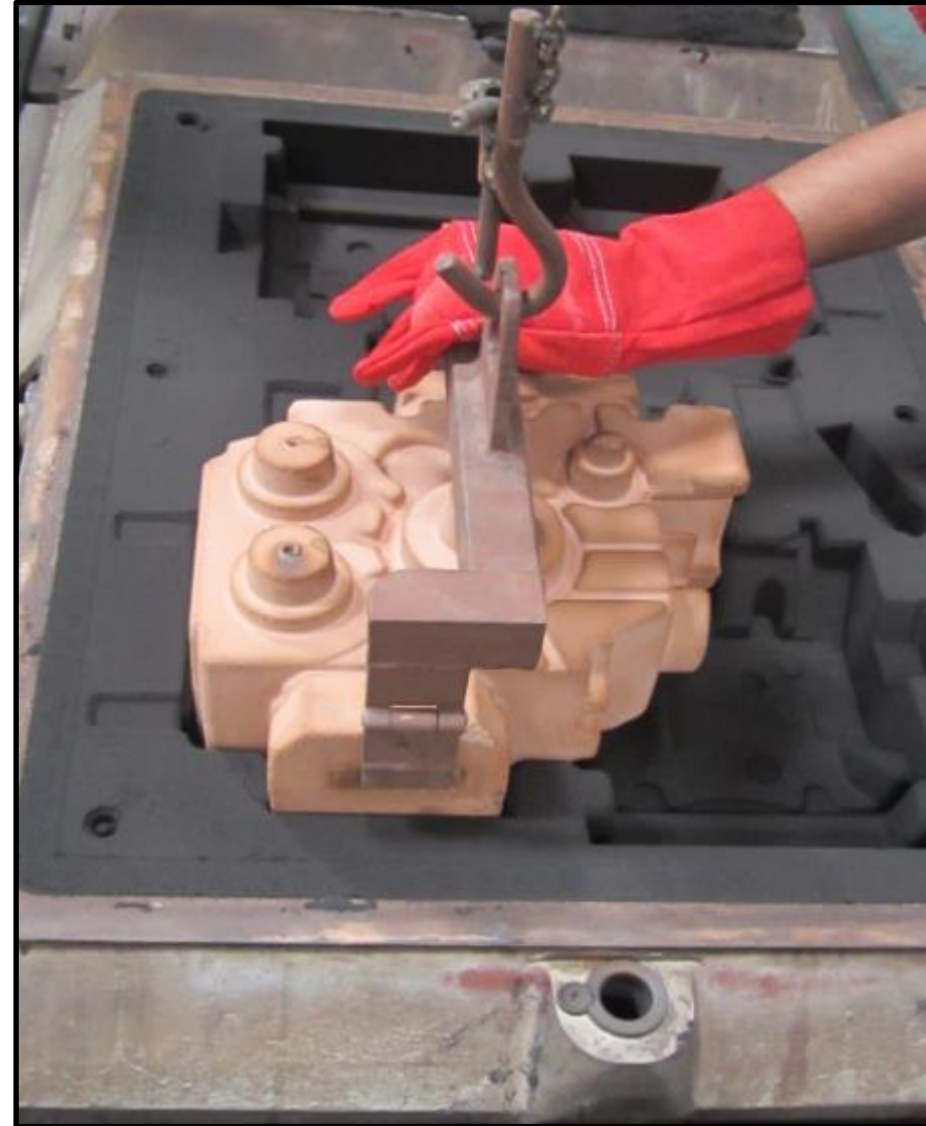
Moulding Machine – Line No 1



HEINRICH WAGNERSINTO, GERMANY

Capacity: 30 Moulds / hour (Can be increased to 60 Moulds / Hour)
Flask Size: 900 X 700 X 300 / 300 mm

Moulding Machine – Line No 1



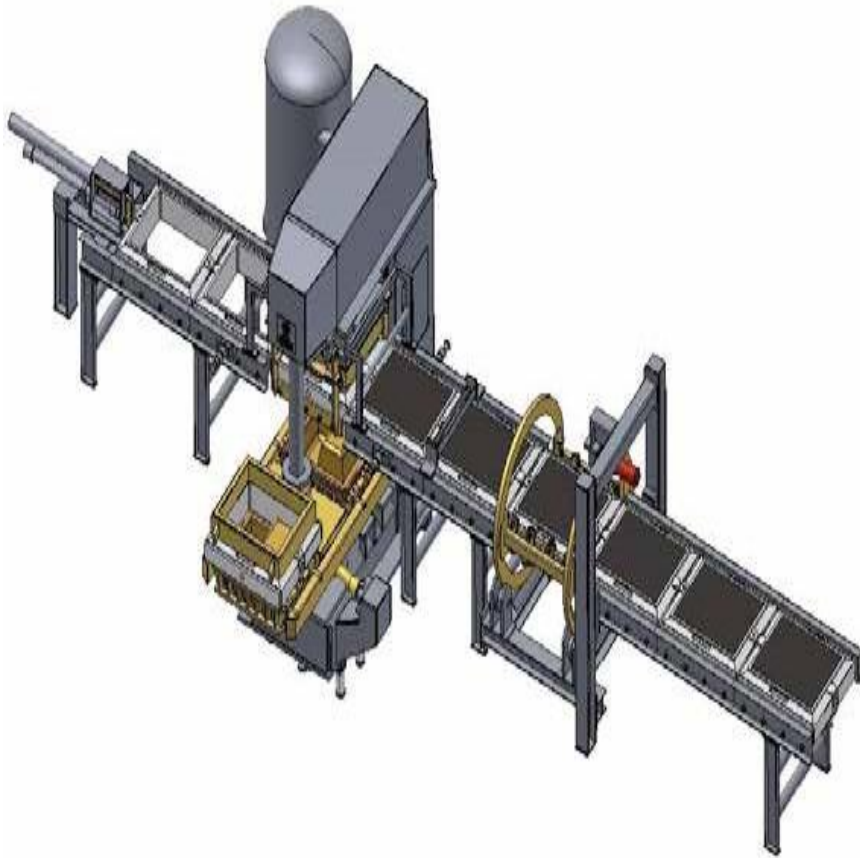
Core Setting..

Moulding Machine – Line No 1



Mould Cooling Line

Moulding Machine – HSP1D: Line No 2



HEINRICH WAGNERSINTO, GERMANY

Capacity: 50 Moulds / hour

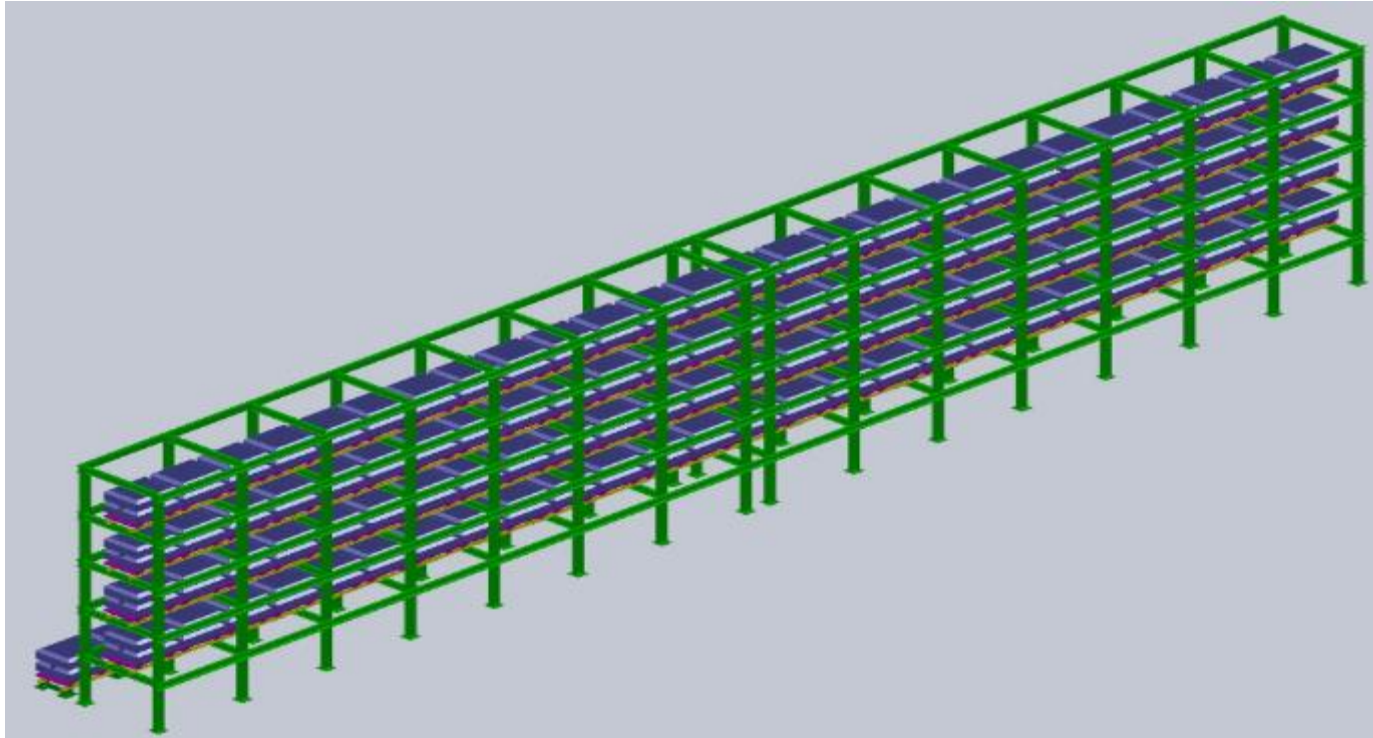
Flask Size: 650 X 500 X 300 / 300 mm

Moulding Machine – HSP1D: Line No 2



Moulding line

Moulding Machine – HSP1D: Line No 2



Vertical stacking and cooling system

Capacity : 108 moulds.

No of rows : 4

Moulding Machine – HWSZFA- SD: Line No 3

MOULDING MACHINE SPECIFICATION		
1	Make	Heinrich Wagner Sinto
2	Model	ZFA SD-3
3	Moulding Rate	150 Molds / Hr
4	Mould Size	670mm X 550mm X 150/150mm,
5	Moulding System	Air-flow + Squeeze
6	Features	Fully automatic twin-type moulding machine for simultaneous production of one cope and one drag mould, with pattern roller conveyor and pattern shuttle truck, equipped with multi-ram presses



Sand Plant



Make : EIRICH, Germany

Model : RV15

Capacity : 500 Kg

Cycle Time : 150 Sec.

Model : RV19

Capacity : 1500 Kg

Cycle Time : 150 Sec

Core shooters



Make : CompaxIndia
Core Weight : Up to 5.00 Kg.
Qty : 1 No.



Make : CompaxIndia
Core Weight : Up to 15.00 Kg.
Qty : 2 Nos.



Make : Hottinger, Germany
Core Weight : Up to 40 Kg.
Qty : 1 No.



Make : MEC_INDS.r.l, Italy
Core Weight : Up to 10.00 Kg.
Qty : 3 Nos.



Make : Kao Kuen, Taiwan
Core Weight : Up to 10.00 Kg.
Qty : 1 No.



Make : SUSHU
Core Weight : Up to 10.00 Kg.
Qty : 6 Nos.



Make : Shalco U-180
Core Weight : 45 Kg
Qty : 1 No.

Shot Blasting Machine



Make : PATELFURNACE& FORGING
Cabin Size: 1650 mm X 1800 mm X 1900 mm
Load Carrying Capacity : 1000 Kg
CycleTime : 7 Minutes
Qty : 1 No.



Make : SREESHAKTHIEQUIPMENTS
Cabin Size: 1500 mm X 1800 mm X 1900 mm
Load Carrying Capacity : 1000 Kg
CycleTime : 7 Minutes
Qty : 2 NoS.



Make : NESCOINDIA PVT LTD
Load Carrying Capacity : 1000 Kg
CycleTime : 7 Minutes
Qty : 1 No.



Make : CARLOBANFI, ITALY
Nozzle Size : 8 mm
Steel Shots Size: 0.5mm
Qty : 3 Nos.

Quality Control

Sand Testing



Spectrometer



Make : G.N.R.s.r.l. - Analytical Instruments Group, Italy

Model : GNRS1 MINILAB 150

Qty : 2 Nos

Microscope with Image Analyzer



Make : CHENNAIMETCO

Model : Met scope- Pro

Magnification : 50X-500X (Standard)

Software : ENVISION6.0

Specification : Nodularity Percentage,
nodule count ,graphite size etc.,

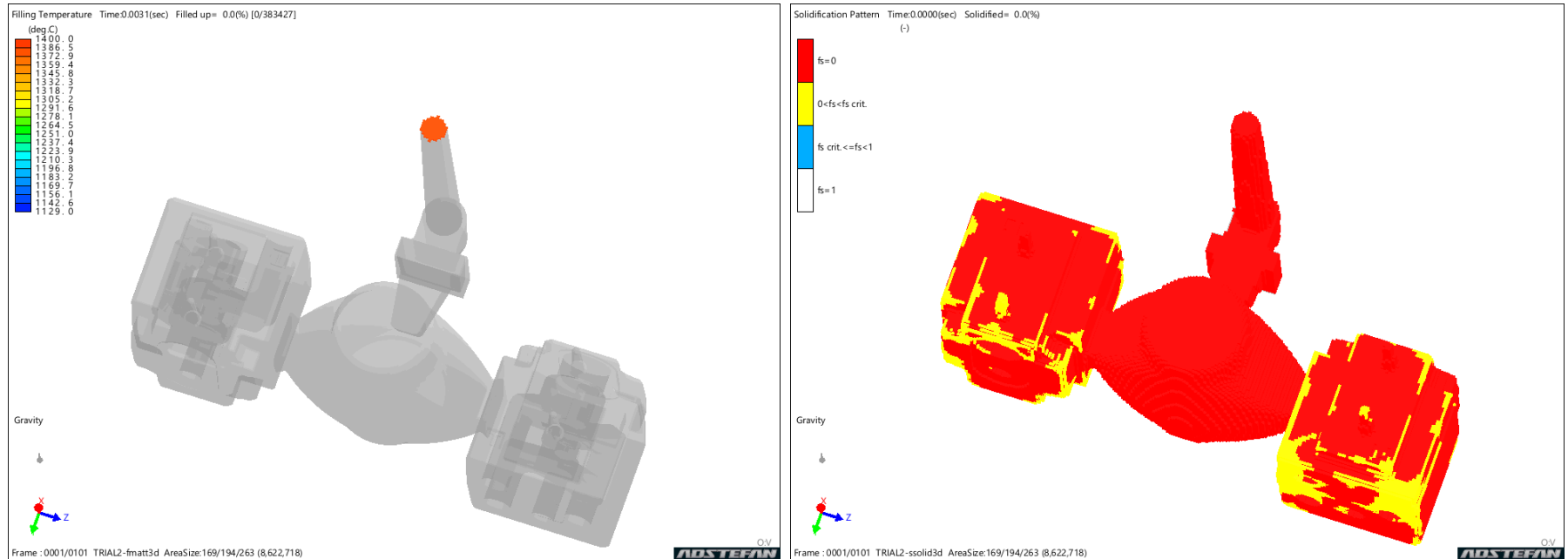
Brinell Hardness & UTM



Boroscope Inspection



SIMULATION SOFTWARE

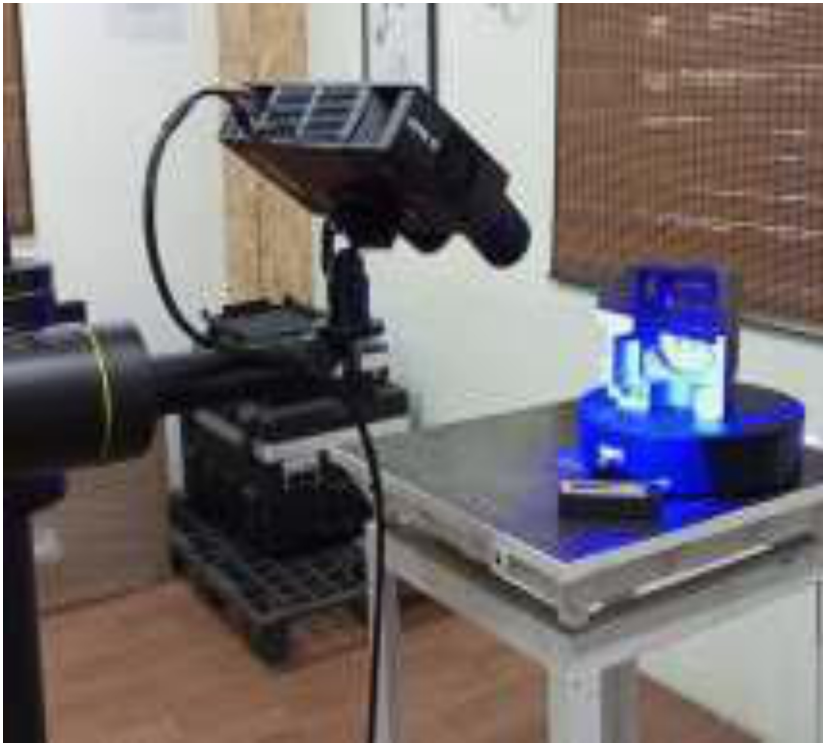


Make : ProSim ADSTEFAN, Hitachi Industries & Control Solutions Ltd. JAPAN

Features :

1. Fluid Flow Analysis
2. Thermal Stress
3. Solidification
4. Defect Analysis

3D SCANNER



Products

VALVE CASTINGS



PUMP CASTINGS



VALVE BODY CASTINGS



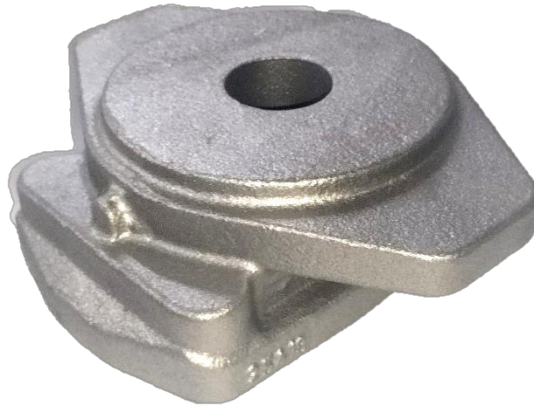
PUMP CASTINGS



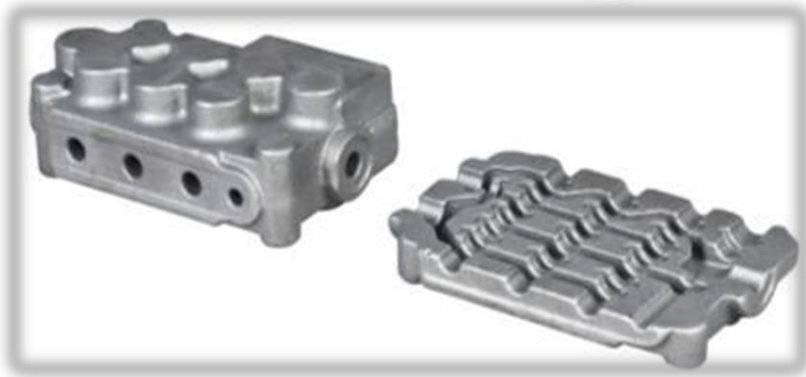
GEAR PUMP CASTINGS



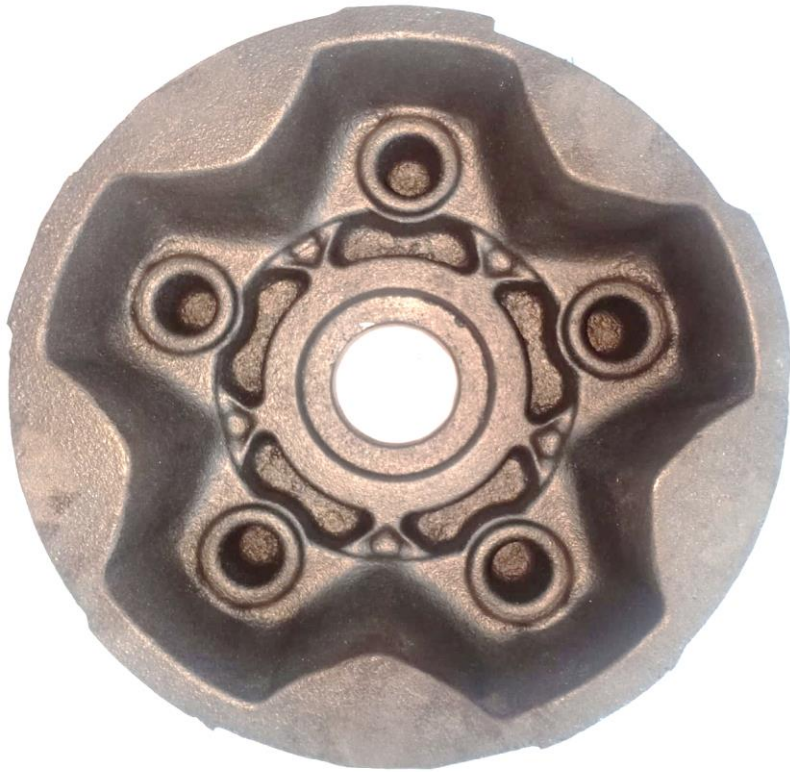
GEAR PUMP CASTINGS



MONO BLOCK AND WORKING SECTION VALVE CASTINGS



HYDROMOTOR BODY AND COVERS



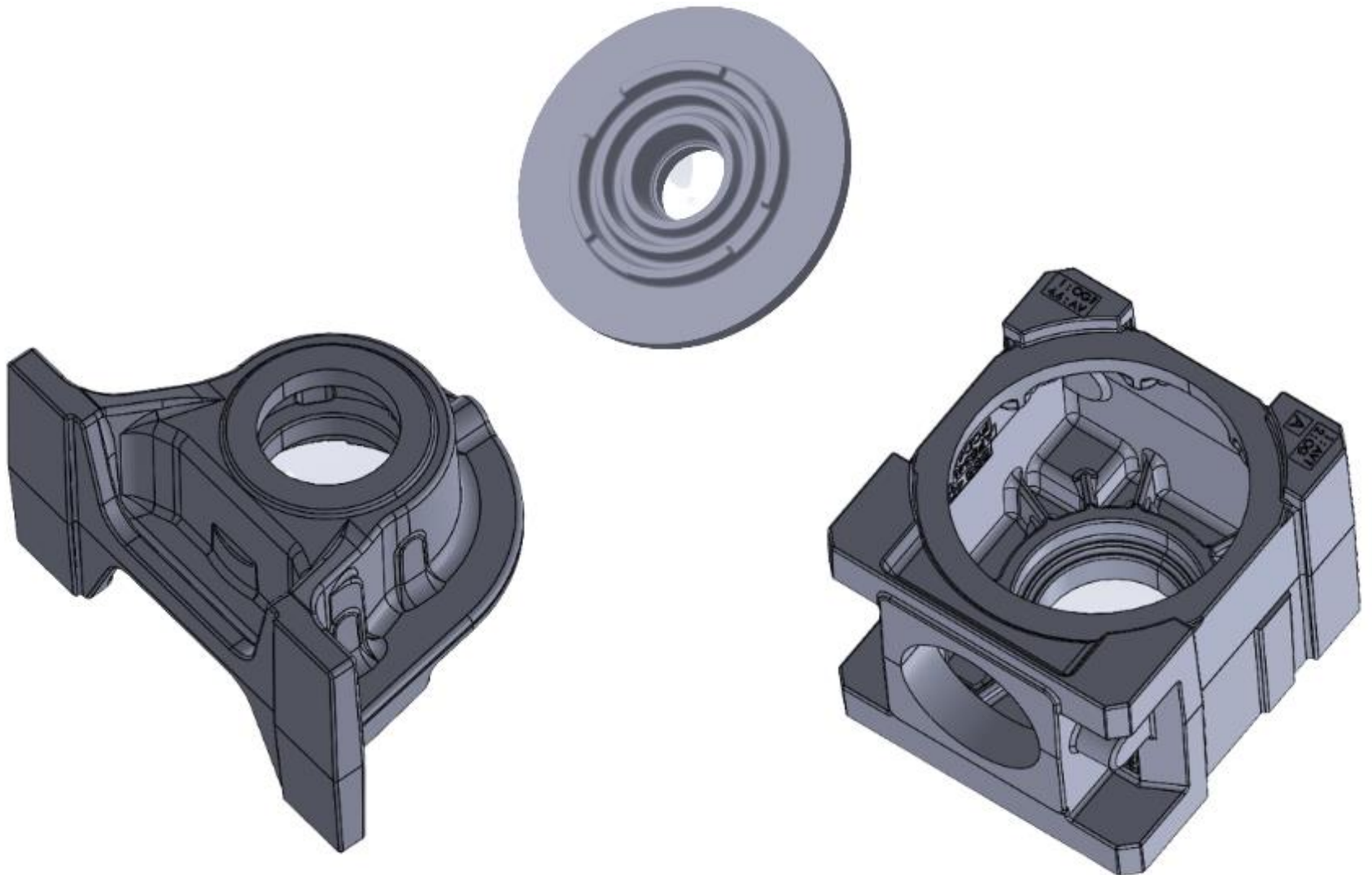
ROTOR CASTINGS



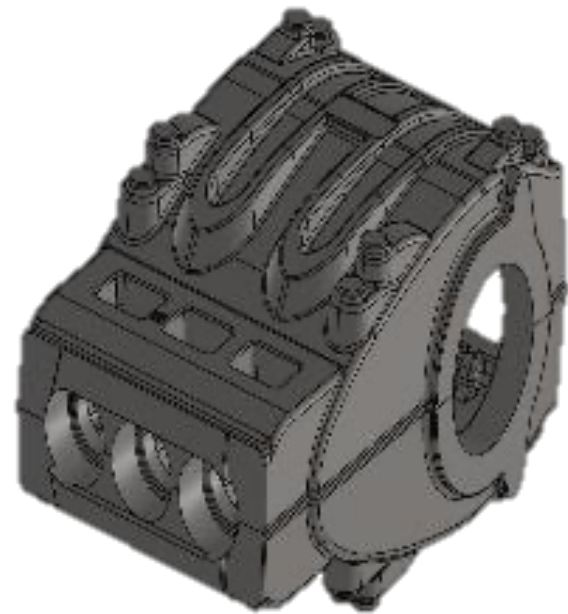
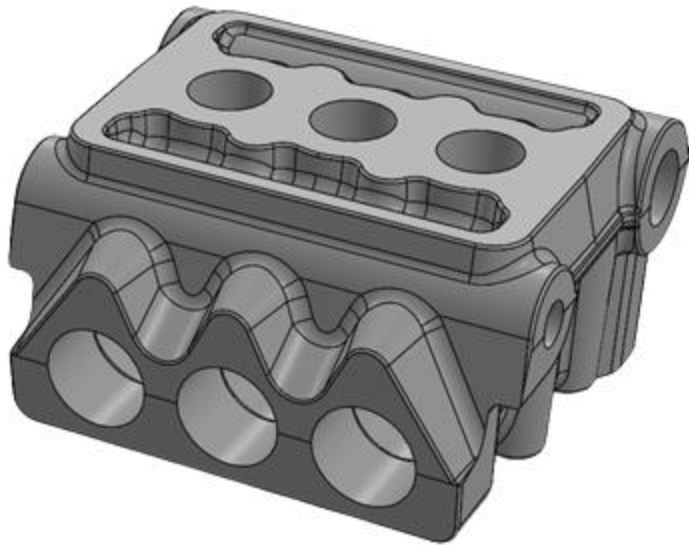
MOUNTING AND LIFTING BRACKETS



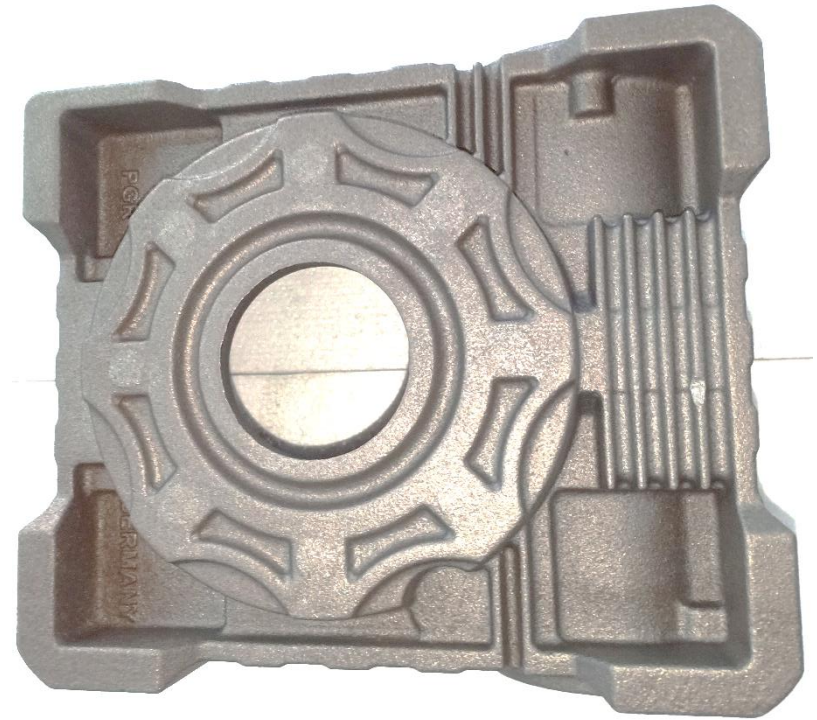
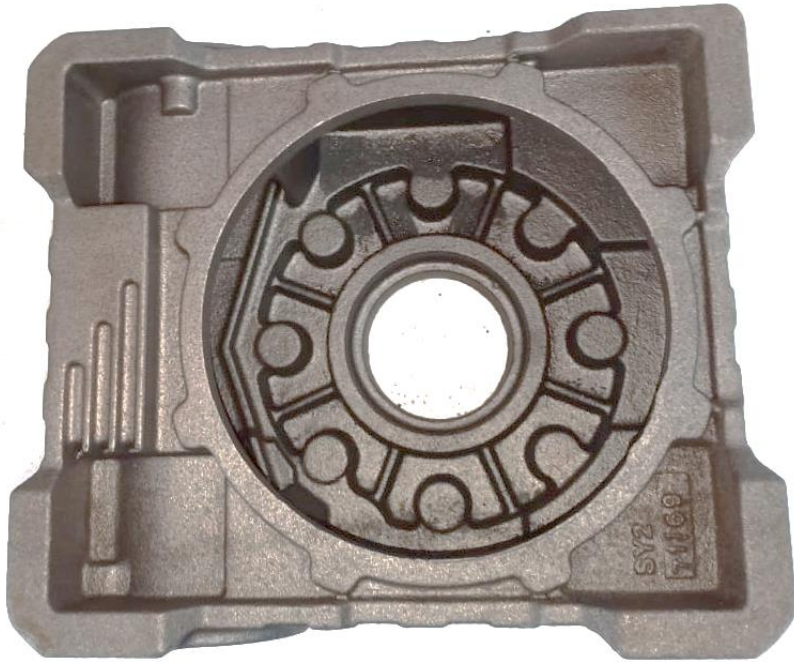
GEAR MOTOR COVER AND CASING CASTINGS



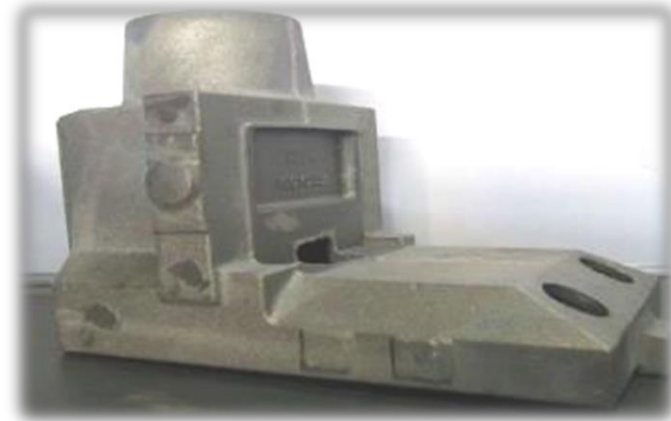
WATER JET PUMP CASTINGS



HOUSING CASTINGS



MACHINE TOOL & TEXTILE MACHINERY CASTINGS



TILLERS & TRACTORS



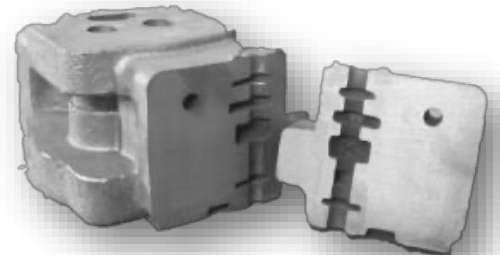
WINCHES



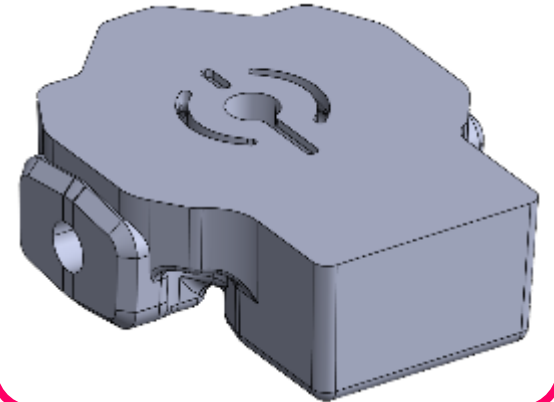
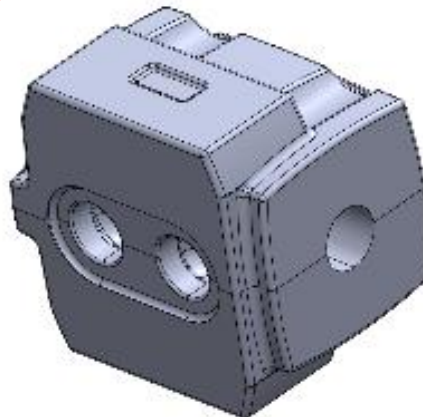
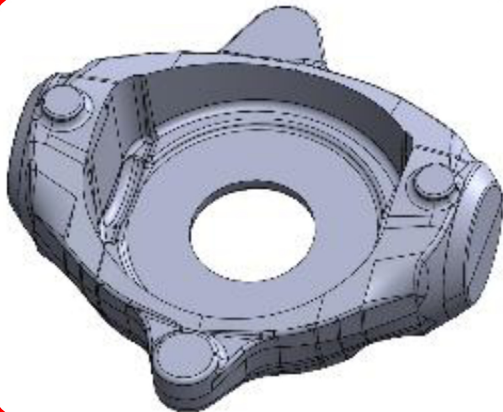
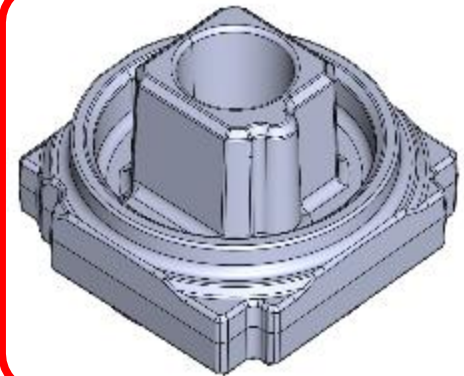
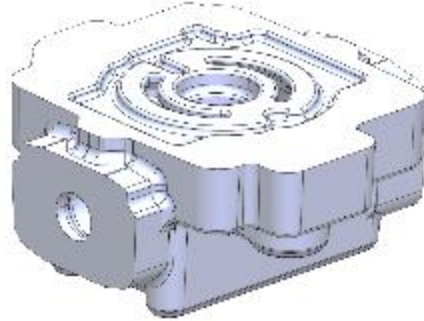
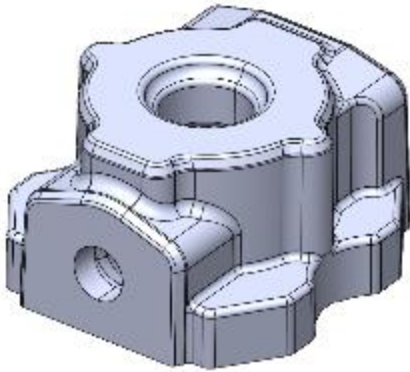
PISTON PUMP CASTINGS



COMBINATION OF GEARPUP AND VALVE CASTINGS



Piston Pump Castings



Piston Pump Castings



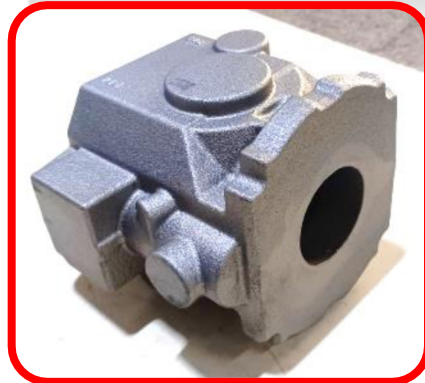
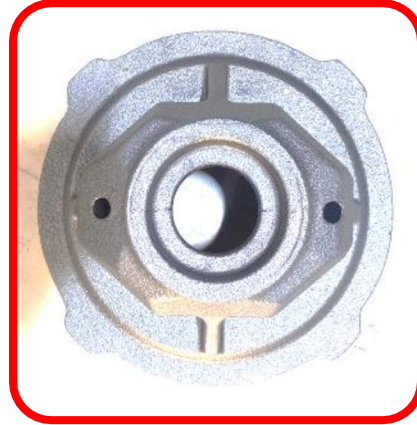
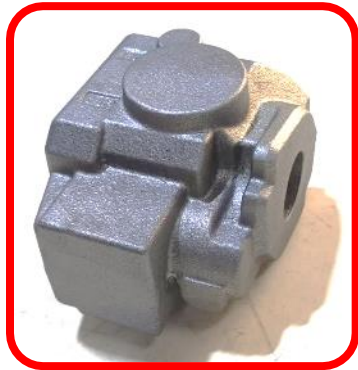
Piston Pump Castings



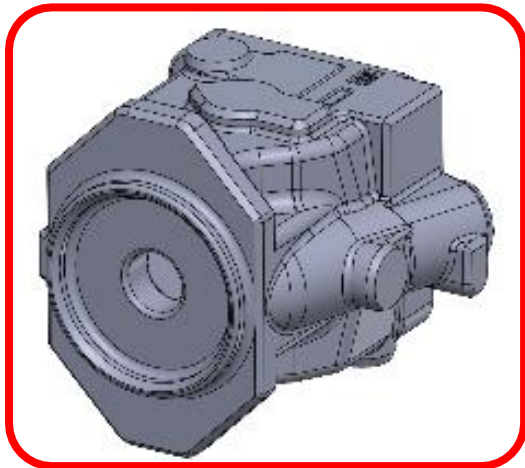
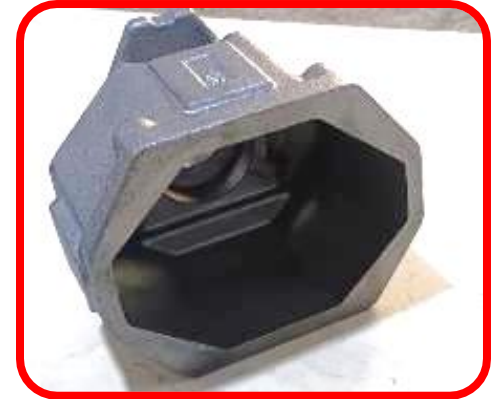
Piston Pump Castings



Piston Pump Castings

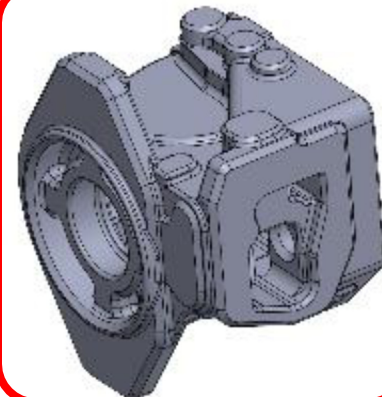
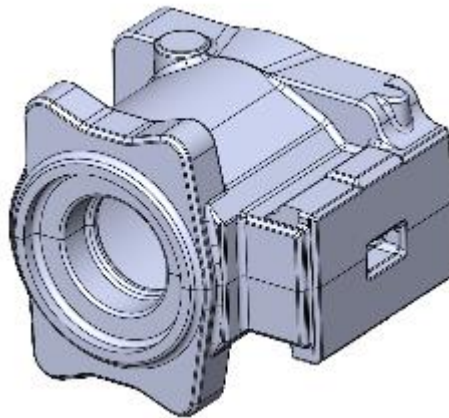
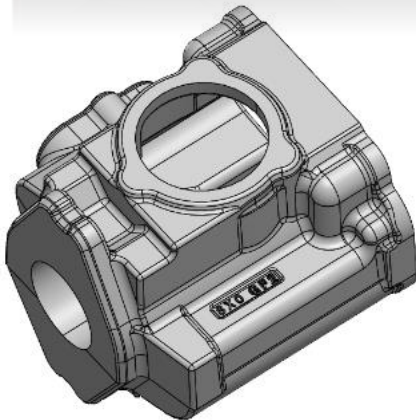
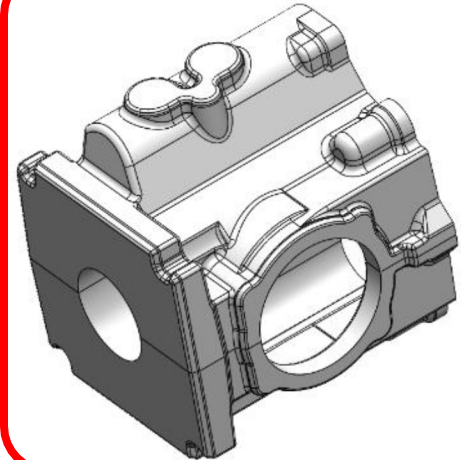
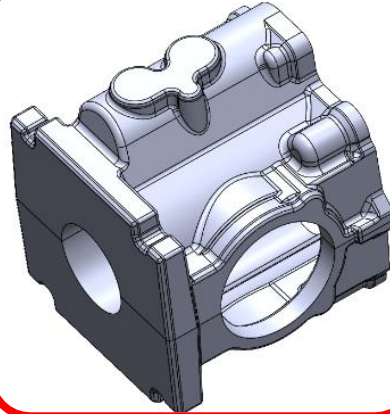
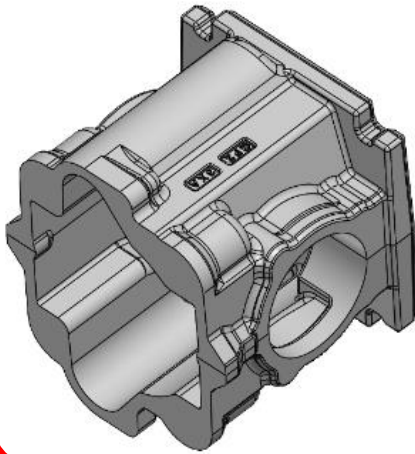


Piston Pump Castings



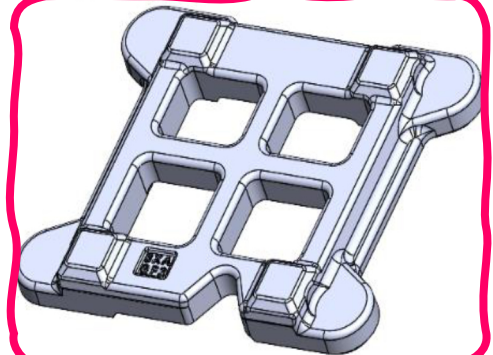
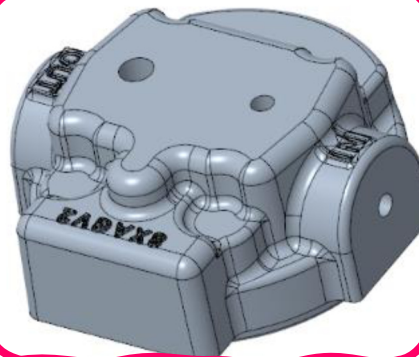
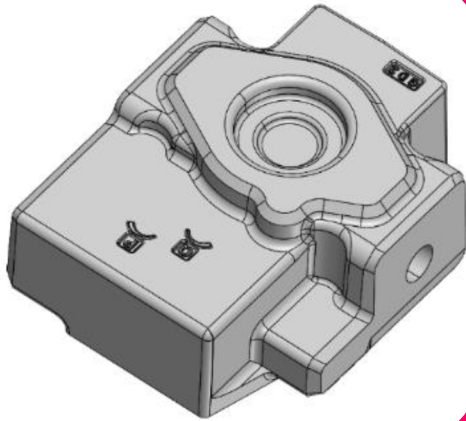
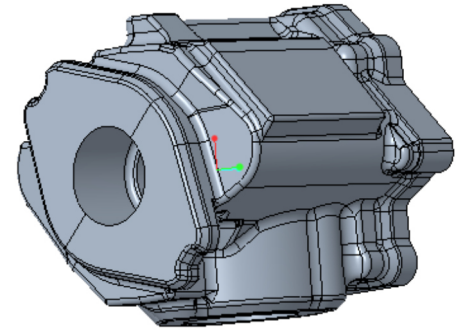
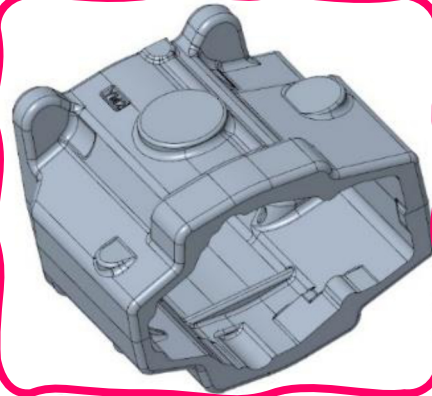
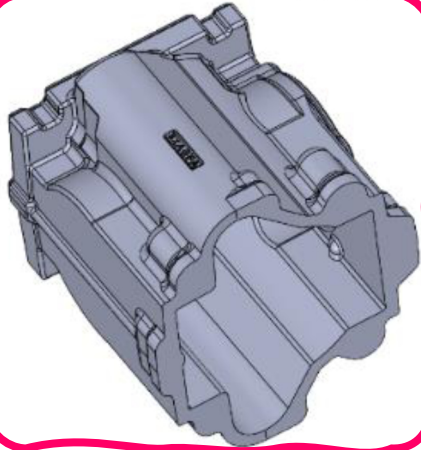
Piston Pump Castings

14 November 2025



Piston Pump Castings

14 November 2025



Pump Casting

