



Abipet Technologies Pvt Ltd

Commitment to Excellence...

About Us

AbiPet Technologies Private Limited was established in Coimbatore, India, in 2004 to manufacture and supply of Wellhead Equipments for oil and gas and general engineering sector.

In a state-of-the-art manufacturing facility, people and technology along with a well-implemented quality management system have laid a strong foundation for AbiPet to remain competitive in the market for more than two decades.

Over the years, we have vertically integrated our facility by adding resources and extensive production capabilities to meet our customer's varying needs.

Vision

To be the global market leader in oil and gas, and general engineering sectors. Commitment to excellence in all that we do.

Mission

To be the preferred, reliable, long-term supply chain partner to our customers, by providing cost-effective solutions, quality products and timely delivery.



Design and Development

Our engineering team is competent in the design and development of products to international standards and GD&T. Prior to acceptance of a contract, we thoroughly review the product, customer, legal requirements, which enable us to select the right material and manufacturing processes to meet the quality requirements.

With extensive experience, we identify any potential risks and mitigate them during the design phase and product validation.

Through the engineering change system, we track customer-supplied documents, engineering documents and amendments for each product.

Materials and Storage

Our suppliers are located in India as well as overseas, to cater to our material requirements. Supplier initial assessment and periodic re-assessment will be performed as per quality management system requirements.

Our complete supply chain management and resource planning is carried out through “Microsoft Dynamics Navision”. We use the right material handling equipment, appropriate storage location and unique traceability system throughout the process. Elastomers are stored in separate temperature-controlled rooms with UV protection.





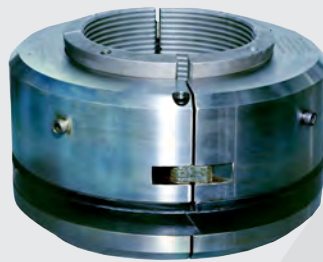
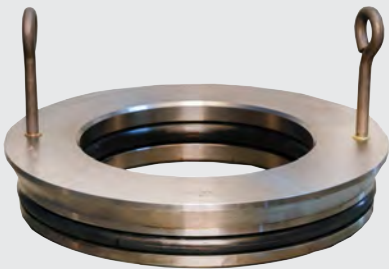
Gate Valve



Specification

Size	1-13/16" to 4-1/16"
Pressure Rating	3,000 to 15,000 psi
Material Class	AA to FF
Temp Class	L (-50°F) to U (250°F)
Product Specification Level (PSL)	1 to 3G
Performance Requirement (PR)	PR1, PR2 & PR2F
End Connection	API - FE, LP & EUE

Casing Hanger



Model C-22

Model C-29



Model C-21

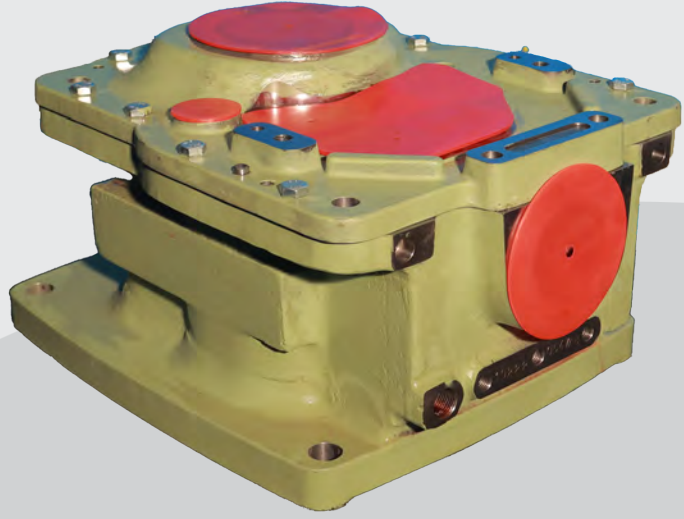
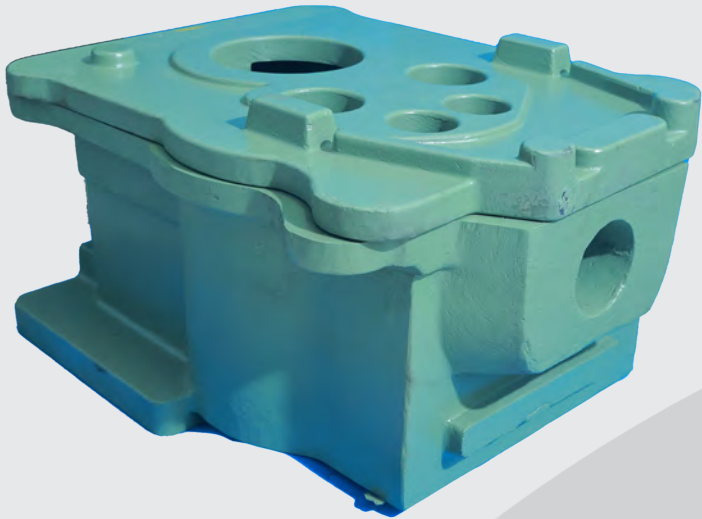
Specification

Bowl Size	11" to 21 1/4"
Casing Size	4 1/2" to 13 3/8"
Material Class	AA to EE-NL
Temp Class	P (-29°C) to U (121°C)
Product Specification Level (PSL)	2 to 3
Performance Requirement (PR)	PR1, PR2 & PR2F

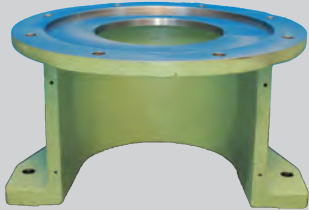
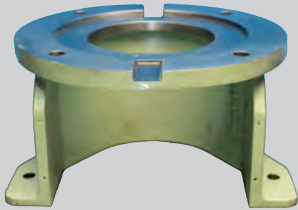
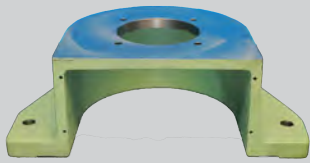
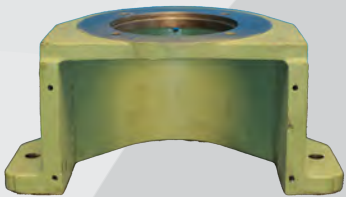
General Engineering Products



Fluid Motion Solution



Gearcase
Material Grade - ASTM A48 CLASS 35



Motor Adaptors
Material Grade - ASTM A48 CLASS 35

Process and Flow Technologies



TMR Ring



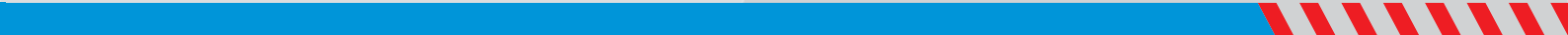
LM 70



Cross Tees
Material Grade - Ductile Iron



Base Casting
Material Grade - ASTM A352 LCC





Machining

Our range of CNC machines (2 to 4 Axis) are operated by competent operators and we achieve machining accuracy of less than 10 Microns. Our expertise lies in machining various forms of materials like forgings, castings, bars & plates, high nickel steel, low carbon steel, aluminium and ductile iron.



Horizontal Machining Centre

4 Axis high-performance large-sized, heavy-duty CNC machine with table size 1400 X 1050 X 1200 mm, spindle speed of 6000 RPM operated through FANUC control unit.

Vertical Machining Centre

4 Axis highly reliable and flexible CNC machine with table size 1300 X 670 X 625 mm, spindle speed of 12000 RPM operated through FANUC control unit.



Turning Center

3 Axis turn-mill CNC machine for machining complex work pieces "Max Turning Dia 560 mm Max Turning Length 1010 mm" by using the optional Y axis function. Unparalleled power and torque with spindle speed of 1500 RPM operated through FANUC control unit.

Surface Grinding

Auto cross feed, longitudinal by sensor and solenoid valve and vertical axis is manual will accommodate maximum size 400 X 800 mm with continuous lubrication and backwater splash shield.



Special Process

We perform different heat treatment and coating processes for our products to improve the mechanical and corrosion resistant properties.

- ◆ Heat Treatment
- ◆ Carburizing
- ◆ Nitriding & Oxidation
- ◆ Xylan – PTFE
- ◆ Molybdenum disulphide
- ◆ Electroless nickel plating with Nickel phosphorous alloy
- ◆ Rilsan Coating
- ◆ Black Oxide
- ◆ Welding / Cladding
- ◆ Lapping

All special processes are validated as per API requirements.

Assembly & Testing

Our assembly experts are experienced in mechanical assembly & torqueing. We provide pressure testing using Hydrostatic and Nitrogen gas as testing mediums.



Casing Hanger Assembly



Gate Valve Testing



Gate Valve Testing



Assembly Shop



Painting



Packing



Quality

We have a wide range of measuring instruments, gauges including Coordinate Measuring Machine to carry out various product inspections at different stages. Our quality control inspectors are competent in accurately measuring and recording the measurements.

Non-Destructive Testing

- ◆ Magnetic Particle Inspection
- ◆ Ultrasonic Testing
- ◆ Liquid Penetration Test

Hardness Testing

- ◆ Brinell hardness
- ◆ Rockwell hardness

Our technicians are certified ASNT SNT TC 1A level II and our process and technicians are approved by ASNT level III certified persons.

All the testing, measuring and monitoring equipments are calibrated in ISO 17025 certified, NABL accredited laboratory.

Certifications

Our commitment to be always better, proves our quality of work.

- ◆ ISO 9001
- ◆ API Specification 6A



ISO 9001



API Spec 6A

Customers



Contact Us

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 Tamil Nadu | India

