

GENUINE FLOW-MECH ENGINEERING

Mfg. of Industrial Pumps & Spares & Add Pump & Spares, //

Mechanical Seal, Shaft, Sleeve Etc. //

Chemical pharma Process All Type Cartridge & Agitator Mechanical
Seal Supplier & Repairing Work. //



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ABOUT US

GENUINE FLOW-MECH ENGINEERING is a leading manufacturer and supplier of Metallic, Non Metallic pumps & Mechanical Shaft Seals from past 5 Years.

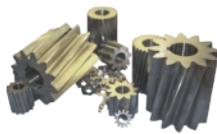
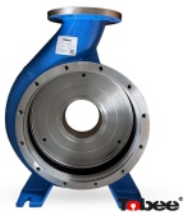
Our company has thus acquired an extensive expertise in the field of designing, delivering and manufacturing Pumps.

We are details intensive business that gives its full commitment to quality, service and speed. Having based on three important traits we have large customer based empire.

We manufacturing and supply Mechanical Seals & Pumps to various industry such as Petro-Chemical Industry, Fertilizer units, Pharmaceutical units, Textile Industries, Refineries, Solvent Plants, Dairy plants, OEM's Off-Share installations.

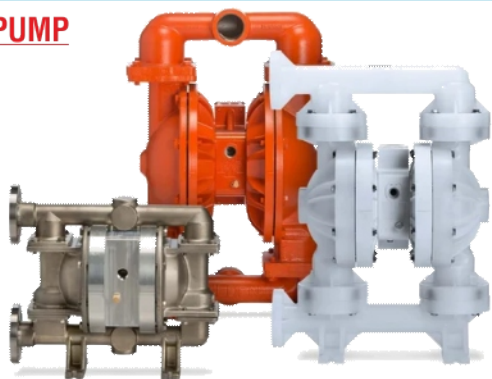
To develop Metallic, Non Metallic Pumps, Mechanical Seals it requires accurate and precise machinery and highly skilled and qualified manpower. **GENUINE FLOW-MECH ENGINEERING** is fully equipped with state of art infrastructure.

We have also available and supply pump and spares to **ANTICO, JHONSON (KGEN. CN. CCR), AKAY (CHPST, CHPMT, HTP MSP) KSB (MEGA, MEGACHEM MOVI, ETN, ETARNOM, CPK). KIRLOSKAR (DB, KPD, CPHM), INVESTA, FLUOROLINED PVDF, KHIMLINE/SULZER Micro Finish, Price, Aro-Ingersolrand, Rajedia, Grundfos, Orbit, Pumps Spare etc.**



CHEMICAL PROCESS PUMP

AODD PUMP



TECHNICAL SPECIFICATION:

Sizes: 12 NB to 80 NB
Capacity: 1030 LPM
Head: 60 Mtrs
Viscosity: Upto 35000 Cps
MOC: Polypropylene, SS 316, SS316L, PVDF, Aluminium

Advantage of The Products: AODD Pumps working on air compressed. It is self-priming pump mechanical Seal not required. Easy installation and safe for use at explosive environments.

HORIZONTAL CENTRIFUGAL PUMP



TECHNICAL SPECIFICATION:

Sizes: 25 NB to 250 NB
Capacity: 1000 M3/Hr
Head: 150 Mtrs
Temp: Upto 150 Degree C
MOC: Cast Iron/steel, SS 304, SS 316, SS 316 L, Super Duplex, Alloy 20 etc.

Advantage of The Products: It Is single Stage pump with back pull out design and end suction top discharge. Coupled with standard electric motors with spacer type coupling.

PLASTIC CENTRIFUGAL PUMP



TECHNICAL SPECIFICATION:

Sizes: 25 NB to 150 NB
Capacity: 550 M3/Hr
Head: 120 Mtrs
Temp: Upto 80 Degree C
MOC: Polypropylene, PVDF

Advantage of The Products: This pump is use in highly resistance to most alkalis acid, Organics etc.

PVDF/PFA LINED PUMPS



TECHNICAL SPECIFICATION:

Sizes: 25 NB to 150 NB
Capacity: 350 M3/Hr
Head: 60 Mtrs
Temp: Upto 120 Degree C
MOC: PVDF, FEP, PFA

Advantage of The Products: It is single stage pump with back pull out design and end suction top discharge. Coupled with standard electric motors with spacer type coupling.

VERTICAL SELF PRIMING PUMP



TECHNICAL SPECIFICATION:

Sizes: 25 NB to 75 NB
Capacity: 20 M3/Hr
Head: 30 Mtrs
Temp: Upto 120 Degree C
S.G.: 0.75 to 1.4
MOC: Cast Steel, SS 316, SS 316 L

Advantage of The Products: excellent for handling solvent from barrels to charging vessels. Pump can take negative lift from 6 mtrs. Flotter type impeller reduces noise and vibration. Seal cooled and flushed by process fluid itself.

HIGH TEMP. THERMIC FLUID CENTRIFUGAL PUMP



TECHNICAL SPECIFICATION:

Sizes: 25 NB to 150 NB
Capacity: 550 M3/Hr
Head: 120 Mtrs
Temp: Upto 350 Degree C
S.G.: 0.75 to 1.4
MOC: Cast Steel, SS 304, SS 316

Advantage of The Products: It Is Horizontal Centrifugal pump used for transferring high temperature thermic fluids oil.

BARREL PUMP



TECHNICAL SPECIFICATION:

Sizes: 25 NB to 50 NB

Viscosity: Upto 350-80,000 Cps

Capacity: 100 LPM

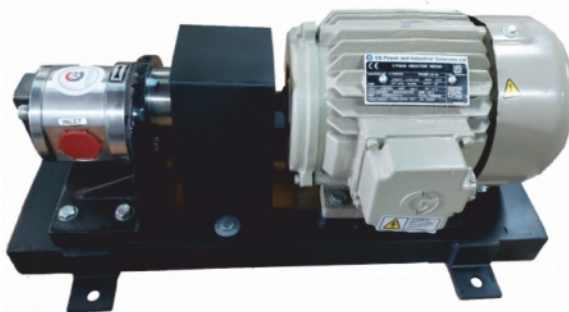
MOC: SS 316, PP, PVDF, TEFLON,

Head: 18 Mtrs

SS 316 L

Advantage of The Products: The main advantage of a barrel pump is that it eliminates the many risks that arise from the manual handling of containers injuries, chemical splashing and leaks, and toxic fumes. Barrel pumps are lightweight and portable, and therefore easy to transfer between containers.

GEAR PUMP



TECHNICAL SPECIFICATION:

Sizes: 12 NB to 80 NB

Temp: Upto 120 Degree C

Capacity: 280 LPM

Viscosity: 30000 Cps

Head: 30 Mtrs

MOC: Cast Iron/steel. SS 31, SS 316 L

Advantage of The Products: Gear Pumps are known for their efficiency and precision in fluid transfer. Their unique design helps to ensure a smooth and consistent flow of fluids to minimize waste and enhance productivity. Gear pumps generally only have two gears, which makes them easy to maintain and use.

VERTICAL SUMP PUMP



TECHNICAL SPECIFICATION:

Sizes: 25 NB to 150 NB

Temp: Upto 120 Degree C

Capacity: 550 M3/Hr

S.G.: 0.75 to 1.5

Head: 120 Mtrs

MOC: Cast Iron/Steel, SS 304, SS 316/PP/PVDF

Advantage of The Products: This Pump basically installed on underground tank or ground level storage tank. This pump are very much suitable for avoid NPSH Problem.

METERING DOSING PUMP



TECHNICAL SPECIFICATION:

Sizes: 12 NB to 80 NB

Temp: 75 Degree C

Capacity: 100-1000 LPH

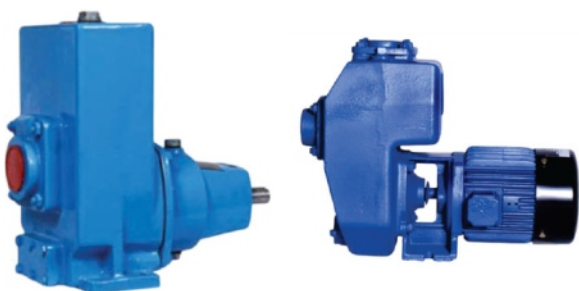
S.G.: 1.0 to 1.2

Head: 40 Mtrs

MOC: SS 316, SS 304, PP

Advantage of The Products: This Pump use for low flow with high pressure.

SELF PRIMING NON CLOG MUD PUMP



TECHNICAL SPECIFICATION

Head: 35 Mtr max.

Capacity: 80 m3/Hour

Material of Construction : Cast Iron/CS/SS 304/SS 316 / SS 316 L

Sealing: Gland Mechanical Seal Fitted

Sealing: Gland Fitted/Mechanical Seal Fitted

SS 316/SS 316-L/Alloy 20

Max Handling Solid Partical Size: 25 mm

Negative Suction : 7-10 Mtr

FMP Series have a two type Mud Pumps.

FMP: Pump with bare shaft for counter-clockwise rotation.

FMP-M: Pump with flanged motor (Monoblock)

KEY FEATURES

Sled-priming without foot valve.

Suitable for a wide Duties.

Non-return valve mounted.

Oil bath for the mechanical sea.

MECHANICAL SEALS

REACTOR SEAL

Double back to back seals Inboard / outboard
Balanced Cartridge construction

MATERIALS

Shaft Diameter: Dia 25 mm to 150 mm
Pressure: 35 Bar (max)
Temperature: (-)50°C to (+)280°C
Speed: 200 rpm (Max)



TEFLON BELLOW SEAL

This type seal is generally used in acids, alkalis & extremely corrosive services.

MATERIALS

Seal Faces: GIF/Sic./Car Vs Cer/Sic
Secondary Seals: PTFE/GFT
Metal Parts: SS-304, SS-316, SS-316 L/Hastelloy



METAL BELLOW SEAL

This type seal is generally used for handling highlycorrosive chemicals
high Temperatures applications

MATERIALS

Seal Faces: Car / Sic / TC Vs Sic. / TC
Secondary Seals: Viton / PTFE / GFT
Metal Parts : SS-304, SS-316, SS-316 Hastelloy "C"



GRUNDFOS PUMP SEAL

This type seal is generally used for Grundfos Pump, Slurry Pumps Pulp & Paper, General Chemical, Pterochemical, Refineries.

MATERIALS

Hardware : SS 304, SS 316
Seal Ring : Carbon SIC
Mating Ring : TC, Sic, Carbon Special Cast
Secondary Seal : PTFE, EPDM, Nitrile, Neoprene, Silicon, FKM



ALFA LEVEL SEAL

This type seal is generally used in hot & cold-water pumps, oil pumps, refrigeration compressor & fuel injection pumps.

MATERIALS

Seal Faces: Sic/Car Vs Cer / Sic / TC
Secondary Seals: Niton / Viton
Metal Parts: SS-316, SS-304



RUBBER BELLOW SEAL

This type seal is generally used in sewage applications, waste water pumps, & fuel injection pumps.

MATERIALS

Seal Faces: Sic / carbon Vs Ceramic / Sic
Secondary Seals: Viton / Viton / EPDM
Metal Parts: SS-304, SS-316, SS-316L

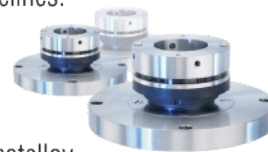


DRY RUN SEAL

This type seal is generally used in refineries, fertilizer, nuclear plant & petroleum pipelines.

MATERIALS

Seal Faces: Car/TC Sic Vs Cer/Sic/TC
Secondary Seals: Viton/PTFE/GFT
Metal Parts: SS-316, 904L, Alloy 20, Hastelloy



WAVE SPRING SEAL

This type seal is generally used in paper industries, petrochemicals petroleum refineries.

MATERIALS

Seal Faces: Sic/Cer/Car Vs Cer/TC/Sic
Secondary Seals: Viton/FEP/GRAPHOIL
Metal Parts: SS-316, SS-304, GRAPHOIL



SINGLE SPRING SEAL

This type seal is generally used in high pressure pumps, refineries, fertilizers, nuclear plants & petroleum products.

MATERIALS

Seal Faces: Sic/Cer/Car Vs Cer/TC
Secondary Seals: Viton/PTFE/GFT
Metal Parts: SS-304, SS-316, S5-316L



CONICAL SPRING SEAL

This type seal is generally used for handling corrosive chemicals, hydrocarbons, general & light chemicals.

MATERIALS

Seal Faces: Sic/Car Vs Cer/Sic/TC
Secondary Seals: Viton/PTFE/GFT
Metal Parts: SS-316, SS-316 L, SS-304



CARTRIDGE SEAL

This type seal is generally used in chemicals, solvents, hydrocarbons & petrochemicals.

MATERIALS

Seal Faces: Sic/TC/Cer Vs Cer/Sic/TC
Secondary Seals: Viton/PTFE/GFT/Niton
Metal Parts: SS-316, 304, 316 L, Hastelloy



MULTI SPRING SEAL

This type seal is generally used in ash slurry pulp, clinker grinder, sludge & syrup.

MATERIALS

Seal Faces: Sic / Ceramic / Carbon TC Vs Ceramic / TC / Sic
Secondary Seals: Elastomers, FEP, PTFE, GFT
Metal Parts: SS-315, SS-316 L, SS-304



SINGLE STAGE VACUUM PUMP

Single Stage liquid-Ring vacuum pumps are based on the Most Reliable SLM Maneklal Design The Pump develop Maximum vacuum of 710 mm of Hg. when sealing water Temperature of 30°C..



RANGE

Capacity : 49 M³/hr. to 2700 M³/hr.

Vacuum : 710 mm of Hg.

Power : 3 HP to 120 HP

TWO STAGE VACUUM PUMP

Two stage liquid ring vacuum pumps are better design than single stage vacuum pumps, having advantage of higher capacity at high vacuum and less requires low quantity of water at low pressure compared to single stage vacuum pump. Two stage vacuum pump develops maximum vacuum of 720 mm Hg when sealing water temperature is 30°C.



RANGE

Capacity : 50 M³/hr. to 1800 M³/hr.

Vacuum : 720 mm of Hg.

Power : 3 HP to 90 HP

HIGH CAPACITY HIGH VACUUM PUMP

High Capacity High Vacuum “Double Suction and Double Discharge”. Liquid Ring Vacuum Pumps develop maximum vacuum of 710 mm of Hg when sealing water temperature is around 30°C. These pumps are widely used where high capacities are required at low vacuum.



RANGE

Capacity : 100 M³/hr. to 1500 M³/hr.

Vacuum : 710 mm of Hg.

Power : 5 HP to 50 HP

OIL SEAL ROTARY HIGH VACUUM PUMP

These are oil-immersed, Rotary vane type pumps, designed and manufactured for long trouble free operating life. These pumps are air-cooled & Water Cooled Models also. There Built-in NRV which Prevent back oil Flow of Air Oil.



RANGE

Max Capacity : 50 LPM to 20,000 LPM

Max. Vacuum : Single Stage : 0.05 mm of Hg.

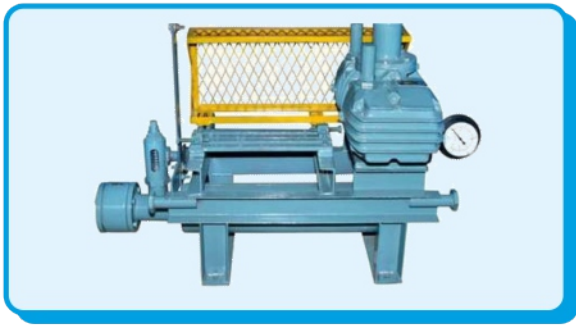
Max. Vacuum : Two Stage : 0.005 mm of Hg.

Pump Speed : 500 RPM

Vacuum Measured by McLeod Gauge at Suction Side of Pump

TWIN LOBE ROOTS BLOWER

These Blowers are Positive Displacement Suitable Wide Range of Operating Speed Through V Belt drive to achieve different capacity as per requirement.



RANGE

Capacity : 40 M3/hr. to 4500 M3/hr.

Pressure : 1.0 Kg/cm²

[Air Cooled & Water Cooled Models are available]

MULTI STAGE HORIZONTAL BOILER FEED PUMP

FKL Series pump is used for water works, irrigation & sprinkling installations, boiler feed water, condensate handling, firefighting, cooling & circulation water as well as for generation of high pressure water for hydraulic press etc. Axial thrust balancing by means of back vanes, integrally cast on individual impeller pressure shroud.



TECHNICAL SPECIFICATION

Pressure : 25 Bar Max.

Capacity : 25 m³/Hour Max.

Sealing : Gland/Mechanical Seal Fitted

Speeds : 2900 RPM

MOC : Cast Iron/SS 304/SS 316

Temp : 150 Degree

Connection Type : Flanged

KEY FEATURES

Multi Stage High Pressure Design

High Pressure Development

Multi Impeller

External Sealing System

JET EJECTOR



Leading Manufacturer of Jet Ejector, 50HP Liquid Jet Ejector, 10HP Liquid Jet Ejector, 1-100 HP Water Jet Ejector, 5HP Steam Jet Ejector and 30HP Steam Jet MOC : PP, PVDF, GFRPP, SS316, SS 304, GRAPHITE

AVAILABLE OF ALL TYPES INDUSTRIAL VALVES



OUR MORE VALUABLE CLIENTS



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