FLUSSO PUMPS

Your Trusted Partner in Pumping Solutions

Magnetic Drive Pumps | Non-magnetic Drive Pumps | Submersible Pumps

Circulator Pumps | Lined Pumps | Air Operated Diaphragm Pumps

SS Submersible Pumps | Electric Motors

FLUSSO PUMPS

Flusso Pumps Private Limited, founded in 2023 at Chennai, India, is a company that specializes in a comprehensive range of pumps and pumping systems engineering. The organization focuses on several key areas, including the design, development, manufacturing, installation, commissioning, and ongoing maintenance of various pumping solutions.

Flusso Pumps emphasizes meticulous attention to detail throughout every phase of production, particularly in the manufacturing of mechanical seal pumps, magnetic drive pumps, and sealless pumps. From initial design concepts to final installation and maintenance, the company ensures that each pump adheres to the highest standards of quality and efficiency. The team at Flusso Pumps draws on extensive industry knowledge and experience to deliver products that consistently meet and exceed client expectations.

The company provides a wide selection of corrosion-resistant pumps that are specifically designed to cater to the demanding needs of critical fluid handling applications. Each pump is engineered to ensure reliable performance and durability, effectively addressing the unique challenges posed by various environments and types of fluids. Flusso Pumps is committed to innovation and customer satisfaction, establishing itself as a trusted partner in the pump industry and dedicated to delivering seamless service to its valued clients.

3	50+	5	100%
YEARS OF EXPERIENCE	PUMPS DELIVERED	UNIQUE FEATURES	SATISFIED CUSTOMERS

WHY FLUSSO PUMPS ?

Expert Technical Consultation and Evaluation | Rigorous Quality Assurance Standards

Competitive Pricing Structure and Cost Efficiency | Express Delivery Within 48 Hours

24/7 After-Sales Support with Own Manufactured Spare Parts Availability

Up to 50% Improved Efficiency and 50% Reduced Power Consumption

1-Year Product Warranty | Payback Period of Just 4 Months

MAGNETIC DRIVE PUMPS

High quality magnetic drive pumps with leak proof technology for handling high corrosive fluids with density up to 1.7 kg/m3 with PH range from 2 to 14. High mechanical efficiency with zero slippage. 100% leak proof. Suitable for handling corrosive chemicals, toxic and fuming liquids, acids, electroplating chemicals, dyes, solvents, petrol, kerosene, pharmaceutical and food syrups etc. All these pumps are available in monoblock type with Std TETC motor and flame proof motors.

Available materials: Very high resistance to acids & alkalis and high temperature tolerance.
(PP: 80'c / PVDF: 110"c)
Max Head Range: 22 mts **I** **Max Flow:** 43 m3/hr

NON-MAGNETIC DRIVE PUMPS

Ideal for the transfer of fluids charged with particles, the plastic design ensures and excellent chemical compatibility.

Available materials: Very high resistance to acids & alkalis and high temperature tolerance.
(PP: 80'c / PVDF: 110"c)
Max Head Range: 22 mts **I** **Max Flow:** 43 m3/hr

INTELLIGENT TRIPLE ELECTRONIC PROTECTION DEVICE

Intelligent Triple Eelctronic Protection Device: Pumps are provided with inhouse built patented a smart chemical pump controller. It adopts digital processing technology and high-brightness LED display. Through the built-in current transformer, it can detect the three-phase load current of the checmical pump, and display the three-phase current and judge whether there are overload, dry running, or phase loss faults. When the chemical pumps fails, the relay will disconnect, cutting off the power supply of the chemical pump, and the fault code will be displayed and the buzzer will sound to safe guard the equipment.

AIR OPERATED DIAPHRAGM PUMPS

FLUSSO AOD Pump is a high-quality corrosion resistant diaphragm pump. We have different kinds of pump body material for different working conditions and solutions: corrosion resistant plastic, aluminium alloy, stainless steel and teflon.

AOD pump has these characteristics and advantanges: self-priming ability and dry-running available. It can pass through fuilds of greater viscosity and larger particles. Head & flow is adjustable. Acid & alkali and high & low temperature can be shared, suitable for various corrosive occasions. Simple structure, less wearing parts, simple operation, easy to disassemble and maintenance. Explosion-proof, zero leakage.
(AODD pumps are self-priming, can handle viscous and abrasive products and can run dry without damage. Additionally, they do not employ costly motors, variable speed drives, bypass plumpbing or mechanical seals.)

Available Materials: PP, PVDF, PTFE, aluminium, stainless steel

SUCTION LIFT: from negative 6 mts **I** **HEAD:** upto 60 mts **I** **FLOW:** UPTO 46.8 m3/hr.

CIRCULATOR PUMPS

Flusso Circulator Pump can PUMP solution from one tank to another, FILTER in a variety of configurations, AGITATE to promote uniform chemical composition and temperature, is the in-tank, three-in-one system. Flusso Circulator Pump that pumps. filters and agitates solutions used in electroplating anodizing, printed circuit, and associated metal-finishing operations.

CAPACITY: Upto 15 M^3/HR **I** **HEAD:** Upto 6 Mtrs

Circulator pump body and filter cartridge are submerged in the solution to be filtered. Solution is drawn by vaccum through the filter cartridge, travels a short distance, and is immediately expelled at a high flow rate from the pump Discharge Port. This creates a "free" source of agitation that is clean and beneficial for electroplating and other metal-finishing processes. And since solution never leaves the tank, leaks and spills are eliminated.

The "couterflow" agitation motion promotes uniform temperature and chemical composition, while keeping particles suspended for quick-capture filtration. Remember, filtration is only half the battle in removing partcutates. Agitation is the other half. Without effective solution movement, many particles may fall to the tank bottom, escaping entrapment by the filter cartridge.

LINED PUMPS

Flusso lined pumps are with metal shell and fluorine plastic lining, no mechanical seal design and zero leakage. It can deal with large capacity, high head or high temperature and high-pressure process of strong acid & alkali corrosive environment. Widely used in petroleum, mining, chemical, power station, pharmaceutical, acid, paint, non-ferrous metals and other industries and volatile, toxic, organic solvents and precious liquid transport.

Designed for handling of most several industrial duties & available in variety of lining materials to suit different requirements involving highly aggressive media at elevated temperature.

CAPACITY: Upto 100 M^3/HR **I** **HEAD:** UPTO 60 Mtrs **I** **MOC:** PVDF, FEP, PFA & PTFE **I** **TEMPERATURE:** 180 deg Celsius

STUFFING BOX SEALING: Single Mechanical Seal / Double Mechanical Seal / Gland Packing

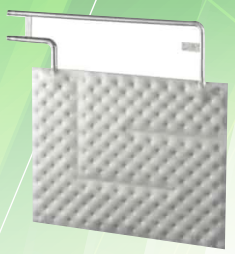
APPLICATION: Very high corrosive liquids with greater temperature, Chlorinated solvents, Aromac, Organic compounds, Alcohols, Ejector systems.

SUBMERSIBLE PUMPS

Flusso submersible Pumps is an Ultra Corrosion Resistant Pump particularly suitable for transporting corrosive liquids, medical solutions, electroplating etc., made up of industrial Plastic.

It can handle medium with density range 1 to 1.3 kg/m3 and PH range from 2 to 14. The medium temperature shall not exceed more than 50 deg Celsius.

CAPACITY: Upto 100 m3/HR **I** **HEAD:** Upto 32 Mtrs **I** **HP:** 5 hp **I** **MOC:** SS304, SS316, Hastelloy



PILLOW HEAT EXCHANGER

Pillow Plates are heat exchanger plates that can be used in many ways for the industrial cooling or heating of your products. This laser welded plates have endless applications in different industries. Omega Pillow Plates are used for vessels, for example for cooling milk, soft drinks, wine or beer. But also, various other sectors use our plates. For example, the meat processing industry, the chemical industry and the pharmaceutical industry.

The pillow heat exchangers work according to the counter current principle. The heat exchanger is located in a container, which is filled with a certain process liquid. The heat exchanger medium flows within the heat exchanger through the channel guide in the opposite direction to the process liquid.

With the counter current principle, a larger logarithmic temperature difference can be used for heat exchange or heat transfer. The characteristic cushioning structure of the plate heat exchangers allows higher heat transfer coefficients on the inside and consequently a higher heat transfer coefficient.

SS SUBMERSIBLE PUMPS

Stainless steel pump features corrosion reistance, high strength, durability, good thermal stability, low maintenance cost and a variety of models and applications.

These characteristic's and advantages make stainless steel pumps widely used across multiple industries andfields, becoming the preferred equipment for handling corrosive media and demanding safety requirements.

CAPACITY: Upto 1000 M³/HR I **HEAD:** Upto 60 Mtrs I **HP:** 60 hp I **MOC:** SS304, SS316, Hastelloy

SS CENTRIFUGAL PUMPS

CAPACITY: Upto 15 M3/HR I **HEAD:** Upto 20 Mtrs I **HP:** 4 hp I **MOC:** SS304, SS316L

SS SELF PRIMING CENTRIFUGAL CASTING PUMPS

SPM pump is a single stage, Horizontal, Centrifugal, Self Priming, End Suction Coupled pump. Automatic and quick self priming, no foot valve required. No priming of suction pipe line. Sturdy construction, simple design. Minmum maintenance required. Non closing and handles solids upto 17 mm.

CAPACITY: Upto 40 M³/HR I **HEAD:** Upto 50 Mtrs I **HP:** 20 hp I **MOC:** SS304, SS316, SS316L

SS HORIZONTAL PIPELINE CENTRIFUGAL PUMPS

CAPACITY: Upto 130 M³/HR I **HEAD:** 54 Mtrs I **HP:** 20 hp I **MOC:** SS304, SS316L, SS316L

SS VERTICAL PIPELINE CENTRIFUGAL PUMPS

CAPACITY: Upto 130 M³/HR I **HEAD:** 54 Mtrs I **HP:** 20 hp I **MOC:** SS304, SS316L, SS316L

OUR CLIENTELE

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