



# FLUID CONTROL SOLUTIONS

THE WAY OF LIQUID MOVEMENT

Products deal by us







Since 2019, Our Team Has Succeeded In Understanding The Needs Of The Industry And Reliable Products To Serve Them All. **Fluid Control Solutions** was started by Mr. Pritam Bose in 02 September 2019. It is classified as Non-govt company and is registered at Registrar of Companies, Kolkata. The company ensure continuity and independence an uncompromising customer-Driven mindset, immediate market proximity and in particular our culture of innovation have made us who we are.

## Customer Service As Our Aim

Fluid always strive to solve problem that have been identified and exceed the customers requirement. We examine customer requirements early and from all round perspective.

## Our Vision

- We will listen to our Customers and team members. We will ask questions (not assume) seeking to understand specific needs, desires, and expectations. We will seek to understand before we will seek to be understood.
- We will work in an environment of mutual trust and respect. We will be caring and responsive to requests while being honest and timely, avoiding false expectations.
- We will seek to continually improve our skills and the quality of our products and services in the eyes of our Customer.
- To delight customer by providing product and service, beyond his expectation.

## Our Mission

Our mission is to earn our Customer's loyalty by delivering sales and service experiences with high quality, excellent value, integrity and enthusiasm. We will function as a team, work ethically, and focus on meeting and striving to exceed the expectations of our Customers.





## End Suction & Monoblock Pumps



### Performance :

Product Range : 0.5 to 220 HP,

Head : Upto 180 m

Flow : Upto 1060 m<sup>3</sup>/h.

### MOC :

CI, SS, Bronze

### Application :

This pumps are used in Fire protection system, Liquid transfer in cooling and air-conditioning systems (refrigerants) Boiler feed and condensate systems.

## Horizontal Split Pumps



### Performance :

Product Range : 0.5 to 2000 HP,

Head : Upto 180 m,

Flow : Upto 2700 m<sup>3</sup>/h.

### MOC :

CI, SS, Bronze

### Application :

This pumps are used in Fire protection systems, Liquid transfer in cooling and air-conditioning systems (refrigerants) Boiler feed and condensate systems, Municipal, Power Plants, Refinery, Storm Water etc.

## Vertical & Horizontal Multistage Pumps



### Performance :

Product Range : 0.5 to 320 HP,

Head : Upto 320 m,

Flow : Upto 180 m<sup>3</sup>/h.

### MOC :

SS 316, SS 316L, SS 304, SS 306, Duplex SS

### Application :

This pumps are Non-Self priming, Vertical & Horizontal multistage Centrifugal pumps. This pumps are Suitable for Washing System in industries, HVAC, Water treatment System, Fire fighting system, Boiler feeding system, Car washing system etc.

## Vertical & Horizontal Openwell Pumps



### Performance :

Product Range : 0.5 to 320 HP,

Head : Upto 110 m,

Flow : Upto 2500 m<sup>3</sup>/h.

### MOC :

CI, SS, Bronze

### Application :

This pumps are Vertical & Horizontal Openwell Centrifugal Pumps. This pumps are Suitable for Irrigations, Clean Water Circulation, Cooling Tower Industrial Jackwells, UGR to OHR-Commercial Buildings, School, Hospitals, Sprinkler Systems & Fountains.





## Raw Water Submersible Pumps

### Performance :

Product Range : 10 to 250 HP,

Head : Upto 110 m,

Flow : Upto 1500 m<sup>3</sup>/h.

### MOC :

CI, SS, Bronze

### Application :

Storm Water, Raw Water, River Intake Well, Irrigation, Pumping Stations, Industries etc.



## Submersible Dewatering Pump

### Performance :

Product Range : 1 to 100 HP,

Head : Upto 100 m,

Flow : Upto 1000 m<sup>3</sup>/h.

### MOC :

CI, SS, Aluminium

### Application :

Cooling Tower, Jack Well Installation, Removing Muddy Water, Mining, Hydro Plant etc.



## Submersible Portable Dewatering / Cutter / Grinder Pump

### Performance :

Product Range : 0.5 to 15 HP,

Head : Upto 40 m,

Flow : Upto 170 m<sup>3</sup>/h.

### MOC :

SS, CI, Aluminium

### Application :

Sewage & Waste Water Treatment Plant, Railway & Metro Stations, Airport, Shopping Malls & Various Public Places



CI

SS/Duplex SS

## Heavy Duty Submersible Sewage Pump

### Performance :

Product Range : 0.5 to 250 HP,

Head : Upto 100 m,

Flow : Upto 4000 m<sup>3</sup>/h.

### MOC :

CI & SS 304, SS 316, Duplex Steel

### Application :

Sewage & Waste Water Treatment Plant, Railway & Metro Stations, Airport, Shopping Malls & Various Public Places





### Submersible Non-Jacketed Slurry Pump

#### Performance :

Product Range : 5 to 400 HP,  
Head : Upto 85 m,  
Flow : Upto 840 m<sup>3</sup>/h.

#### MOC :

Ni-Hard, High Chrome, 2% Nici, SS, SG Iron

#### Application :

Fly-ash, Dredging & Thick Mud, Coke Pit, Slit Removal, Ocean Sand Mining, Mill Scale, Ceramic Slurry, Iron Ore/Pallet/Ball Mills Slurry, Mines, Coal Washery etc.



### Submersible Jacketed Slurry Pump

#### Performance :

Product Range : 15 to 400 HP,  
Head : Upto 40 m,  
Flow : Upto 500 m<sup>3</sup>/h.  
Specific Gravity : Upto 2.8 kg/l

#### MOC :

Ni-Hard, High Chrome, 2% Nici, SS, SG Iron

#### Application :

Fly-ash, Dredging & Thick Mud, Coke Pit, Slit Removal, Ocean Sand Mining, Mill Scale, Ceramic Slurry, Iron Ore/Pallet/Ball Mills Slurry, Mines, Coal Washery etc.

#### Special Features :

**This Pump is having inbuilt Water Jacketing systems for maximum discharge**

### Closed-loop cooling system Submersible Pump with glycol cooling



#### Technical Specifications :

Head : Upto 65 m,  
Capacity : Upto 3000 m<sup>3</sup>/h.  
HP : 10 to 300  
Solid Size : Upto 150 mm  
Frequency : 50/60 Hz  
Solid content by weight : Upto 65%  
Specific Gravity : Upto 2.8 kg/l

#### Applications:

Fly-ash, Dredging & Thick Mud, Coke Pit, Slit Removal, Ocean Sand Mining, Mill Scale, Ceramic Slurry, Iron Ore/Pallet/Ball Mills Slurry, Mines, **All Dry Pit Installations.**

Closed loop cooling system uses the latest technology to secure industry leading performance. It is suited to all DRY-INSTALLATIONS, as well as wet installations where the motor is not sufficiently submerged. Coolant is circulated between the inner and outer cooling jacket, down to the cooling bottom. The main strength of closed-loop cooling is that it is not sensitive to impurities in the pumped media. The close loop ensures the coolant is never contaminated. The Heat from stator body is transferred to the coolant, and the coolant at the same time is pumped at high speed inside the jacket with the help of specially designed 3D printed Impeller. The coolant in the closed loop system is a precise mixture of pure distilled water and a special glycol formulation. It has excellent heat transfer and corrosion resistance properties and is freeze-proof upto -45°C





### Auto Prime Pump

#### Performance :

Product Range : Upto 400 HP,  
Head : Upto 200 m,  
Flow : Upto 2000 m<sup>3</sup>/h.  
Solid Handling Size : Upto 120 mm

#### MOC :

As per requirement

#### Application :

Municipal, Mining & Quarrying, Industrial, Construct & Tunneling, Oil & Gas, Marine etc.



### Self-Priming Centrifugal Mud Pumps

#### Performance :

Product Range : 1 to 22 HP,  
Head : Upto 37 m,  
Flow : Upto 300 m<sup>3</sup>/h.  
Available with Diesel Engine Drive as well as Electric Motor Drive & Controllers.

#### MOC :

Cast Iron

#### Application :

Various Industries, Restaurants, Hotels, Commercial Dewatering etc.



### Corrosion Resistance Thermoplastic Pumps

#### Performance :

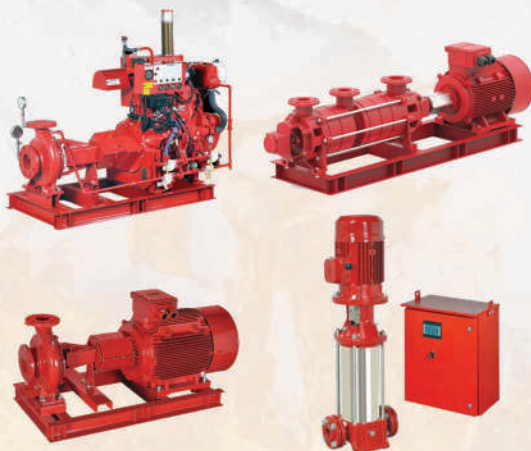
Product Range : 0.5 HP Upto 30 HP  
Head : Upto 60 m,  
Flow : Upto 65 m<sup>3</sup>/h.

#### MOC & Temperature Range :

Polypropylene (80°C), Polyphenylene Oxide(85°C), PVDF (100°C)

#### Application :

Chemical Process, Pharmaceutical, Food & Beverage Processing, Steel Plants, Auto Mobile, Marine/Sea Water, Water Treatment / Purification OEM etc.



### Fire Fighting Pumps :

#### Performance :

Product Range : 43 to 450 m,  
Flow : 1700 to 11350 LPM.  
Available with Diesel Engine Drive as well as Electric Motor Drive & Controllers.

#### MOC :

CI , Bronze, SS

#### Application :

Commercial Complex & High Rise Buildings, Petrochemical Industries & Gas Plants, Airport, Marine, Wire House, Godowns, Applications, Power Station etc.





## Indusion Motor

### Performance :

Product Range : Upto 400 HP,  
Efficiency Class : IE2, IE3, IE5 Suitable for VFD Drive  
Number of Poles : 2,4,6,8  
AC Voltage Range 380V to 690V

### Type :

Crane Duty, Smoke Motors, Brake Motors, Inverter Duty Motors etc.

### Application :

Industry, HVAC, Fire Fighting etc.



Rotary Valve



Globe Valve



Needle Valve



Axial Valve



Ball Valve 90° Turning



Butterfly Valve



Knife Gate Valve



Linear Valve



Gate Valve



Rising Stem Valve



Pinch Valve

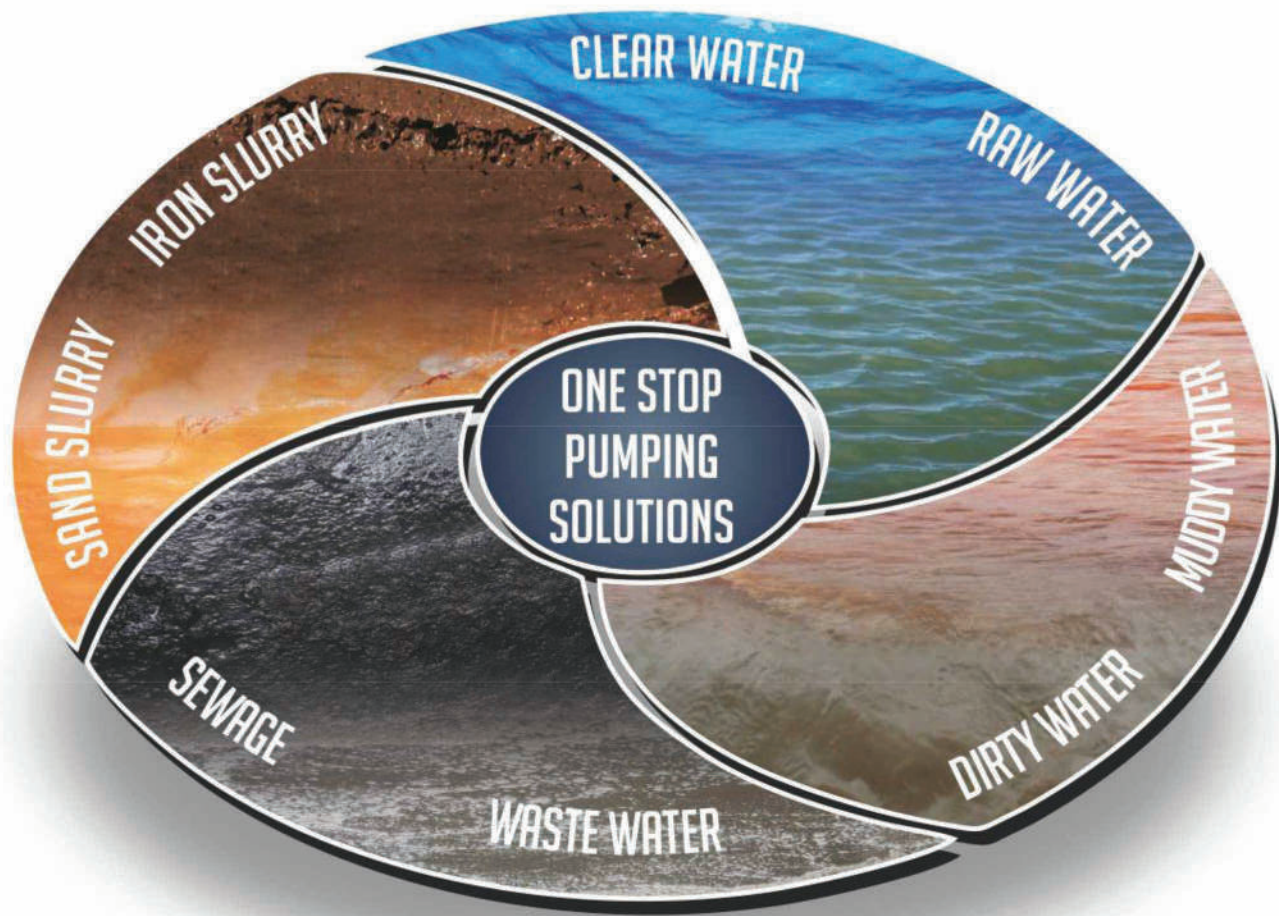
## Our Esteemed Client

- NTPC
- DVC
- NEEPCO
- INDIAN OIL CORPORATION
- INDIAN RAILWAYS
- TATA GROUP
- JINDAL STEEL AND POWER LTD
- AMBUJA GROUP
- SHYAM STEEL AND POWER LTD
- RESHMI GROUP
- SUPER SMELTERS LTD
- SHAKAMBARI GROUP
- MP BIRLA GROUP
- HIMADRI CHEMICALS
- MISTUBISHI LTD
- STERLING WILSON PVT LTD
- MAGNOLIA INFRASTRUCTURE PVT LTD
- PS GROUP



Managing your water resources over three decades....

# Clear Water to Slurry Handling



## Registered office and Godown address

492, Shreepur station road Madhyamgram, (Near sreepur playground)kolkata-700130

Call: 8910953558 & 9830918769.  
Mail Id: fluidcontrol2019@gmail.com  
Web: www.fluidcontrolsolution.com

## Sales Office Address

Jatindra Mansion, Ground Floor, Sodepur Road  
Madhyamgram, (Besides Madhyamgram Flyover). Kolkata-700130, West Bengal

Call: 8910953558 & 9830918769.  
Mail Id: fluidcontrol2019@gmail.com  
Web: www.fluidcontrolsolution.com

## Service Associate:

### PRIME MOVERS

Address: 413, Sundaram Apartment Madhyamgram , Kolkata-700129  
Call: 9830129002 , 8334960610  
Mail: primemovers2021@gmail.com