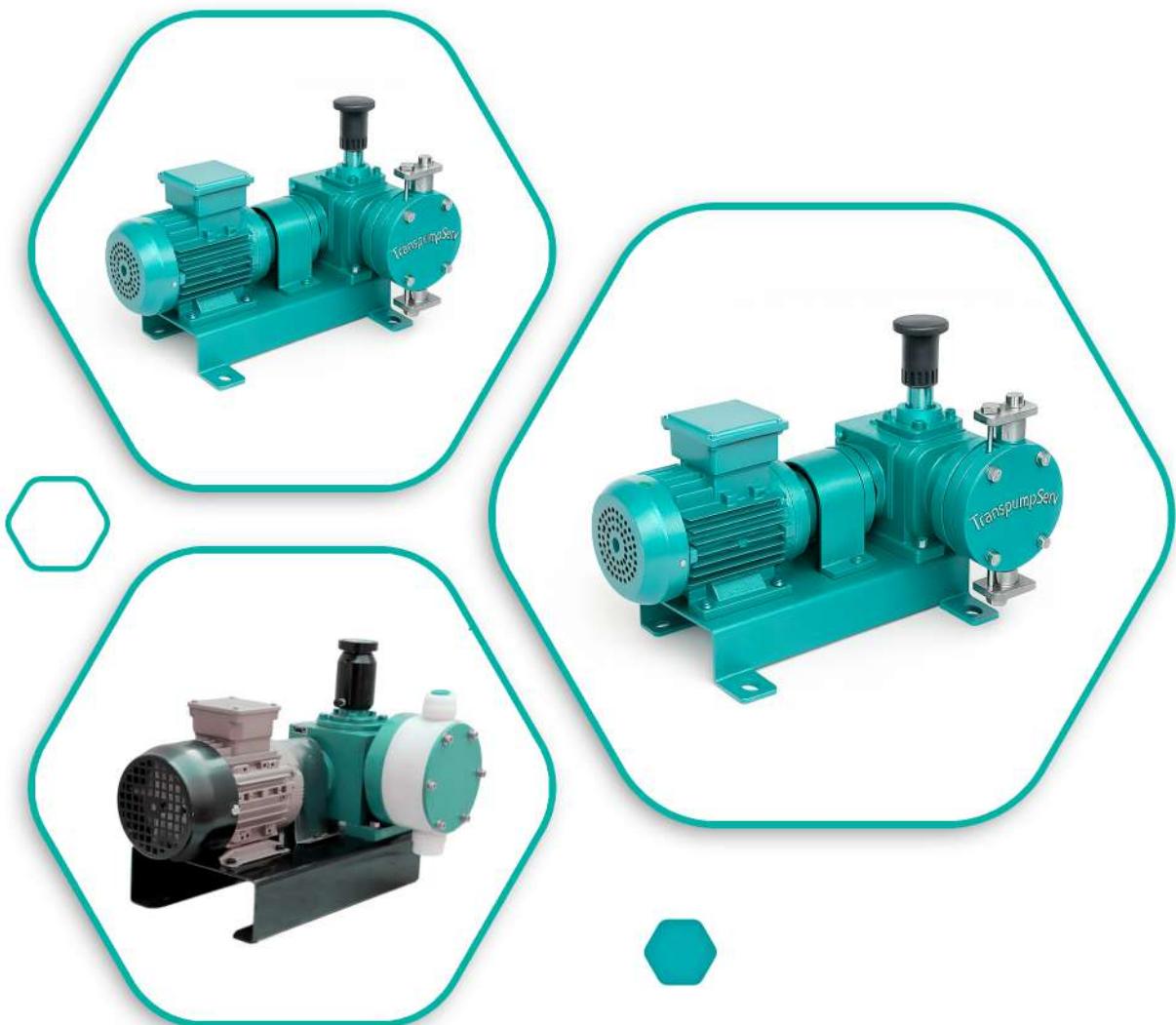
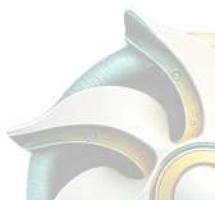




# FEEDDOSE (TfeedX)



Our industrial dosing pumps are engineered to deliver precise and reliable chemical dosing, meeting the demanding requirements of various industrial applications. With a comprehensive range of models and configurations, our dosing pumps provide flexible and efficient solutions for process optimization, waste treatment, and chemical processing.





# CREATING EFFICIENT PUMPS FROM IDEA TO INSTALLATION

"Welcome to TranspumpServ Global Pvt Ltd, we pride ourselves on being a trusted your partner of choice for expert pump solutions. We offer a unique blend of technical expertise, innovative solutions , and exceptional customer service.

Our expert team provides customized consultancy, analysis, service, and refurbishment services, leveraging the latest technologies and best practices to optimize pump performance, reliability, and efficiency."





# MECHANICAL ACTUATED DIAPHRAGM DOSING PUMPS

## **HORIZONTAL MOTOR ARRANGEMENT**

### **API675 COMPLIANCE**

#### **CAPACITY RANGE**

100 ml/hr to 1000 LPH

Simplex designs. Higher capacities can be achieved by multiplexing.

#### **■ PRESSURE RANGE**

0-4 Kg/cm<sup>2</sup> in Standard version.

#### **■ TEMPERATURE RANGE**

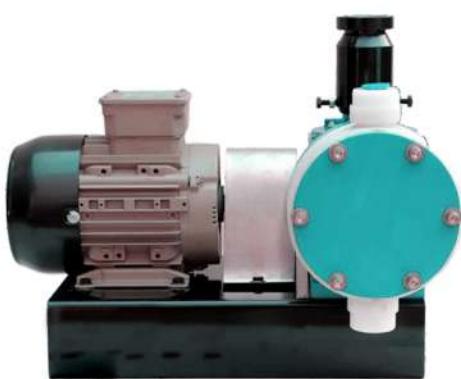
30 Degree Celsius to 300 Degree Celsius

#### **■ ACCURACY**

Steady State : +1%

Linearity better than : +3%

Repeatability better than: +3%





# HYDRAULIC ACTUATED DIAPHRAGM DOSING PUMPS



## ■ TYPE

Hydraulically flexed diaphragm metering Pump. Single and Double diaphragm type.

## ■ FLOW RATE

0 to 6000 LPH in simplex design. Higher capacity can be achieved.

## ■ PRESSURE

Up to 100 kg/cm<sup>2</sup> standard Design.

## ■ ADVANTAGES AND FEATURES

- Leak free Design.
- All moving parts including plunger is running in oil.
- Diaphragm rupture monitoring system.
- High metering Accuracy.
- In built relief valve in hydraulic circuit.
- Diaphragm life more than 20000 working hours.
- Automatic capacity control via pneumatic or electric signal on demand.

## ■ APPLICATION

VERSATILE AND SUITABLE FOR ANY LIQUID INCLUDING TOXIC AND HAZARDOUS





# PLUNGER PROCESS METERING DOSING PUMPS



- **TYPE** - Packed Plunger metering pump.
- **FLOW RATE**  
0 to 10,000 LPH  
Higher capacity can be achieved by multiplexing
- **PRESSURE**  
up to 300kg/cm<sup>2</sup>.  
Special head up to 1000kg/cm<sup>2</sup>.
- **ADVANTAGE & FEATURES**
  - Heavy duty construction designed for severe industrial environment.
  - High volumetric efficiency.
  - High metering accuracy.
  - Automatic capacity control via pneumatic or electric signal on demand.
  - Low investment cost.
  - Internal worm reduction gear.
  - Oil bath lubrication for long life.
  - Micrometric stroke adjustment while pump running or stopped.

- **APPLICATION**  
FOR METERING OF NON HAZARDOUS AND SAFE LIQUIDS  
WTP / ETP / BOILER CHEMICALS



# DOSING SYSTEM



Hydro Testing Unit



LP Dosing Skid



Flocculant Dosing Skid



Chemical Dosing Skid



Hpl Dosing Skid



# ELECTRO-MAGNETICALLY ACTUATED DIAPHRAGM DOSING PUMP

## SALIENT FEATURES



- **TRANSPUMPSERV** : Metering / Dosing Pumps provide reliable flexible chemical addition, for a wide variety of applications.
- **LIQUID HEAD & HOUSING** : Glass reinforced Plastic PP Housing is resistant to corrosive chemical agents. Head & valves etc. All are made of Chemical resistant material for longer & reliable operation.
- **SOLENOID** : High quality, hot rated solenoid is designed to dissipate heat. Capacities & pressure do not derate even over extended use.
- **DIAPHRAGM** : Superior diaphragm is designed to ensure long life even under the most demanding applications. Teflon faced, metal reinforced diaphragm ensures leak free operation.
- **ELECTRONIC CIRCUIT** : Constant pump with stroke speed (frequency) and stroke length adjustments Microprocessor Controlled Pulsar Circuitry for high accuracy.
- **DUAL CONTROL** : Stroke Control : 0 - 100 %,



## APPLICATION

- R.O. WATER TREATMENT PLANT & WASTE WATER TREATMENT PLANT
- FOOD PROCESSING INDUSTRIES
- POWER GENERATION & BOILER
- WATER SUPPLY
- AGRICULTURE & FARMING
- INDUSTRIAL EFFLUENT
- TREATMENT PLANTS
- PULP & PAPER INDUSTRIES
- OIL & GAS INDUSTRIES
- DETERGENT MANUFACTURING
- CHEMICAL & PETRO - CHEMICAL PROCESS
- PHARMACEUTICALS
- SURFACE TREATMENT, METALLURGY





## TRANSPUMPSERV GLOBAL PVT LTD

Expert pump solutions provider offering consultancy, analysis, service, and refurbishment for optimized pump performance and efficiency

### OUR SERVICES

- CONSULTANCY AND ANALYSIS
- OPERATION
- SYSTEM OPTIMIZATION
- IOT- I PROMPT
- INSTALLATION & COMMISSIONING
- LASER ALIGNMENT
- REPAIRS & UPGRADE
- TRANSPUMPSERV REFURBISHMENT
- PUMP ACCESSORIES & SPARE PARTS
- TRANSFLUID - LIVE ASSISTANT & TRAINING
- TRANSPUMP SERV PACKAGE

**STREAMLINED - RESILIENT - PROTECTED - EXPERT PUMP SOULTIONS**

#### INDIA

- Transpumpserv Global (HQ) Vadodara - Gujarat, INDIA
- Transpumpserv Engineering (Mfg. Unit -1) Valod - Surat, INDIA



SCAN ME

📞 +91 7016539529

✉️ info@transpumpservglobal.com

#### CANADA

- Transpumpserv Canada (SO) Toronto - Canada

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🌐 [www.transpumpservglobal.com](http://www.transpumpservglobal.com)