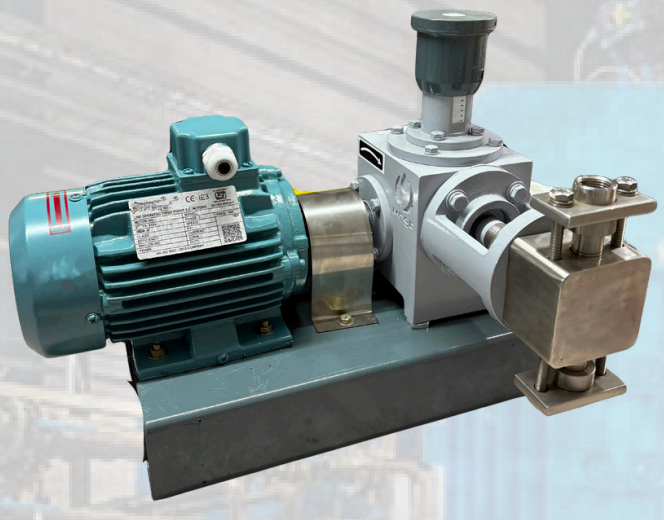
MDSP
TM No. 4922576

MINI DOSE
SOLUTION PUMPS

AN ISO 9001 : 2015 CERTIFIED COMPANY

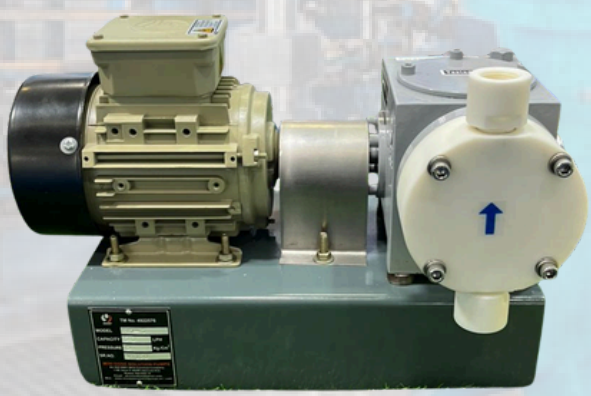
MANUFACTURER OF DOSING PUMPS & SYSTEMS











SINCE 2011

PRECISE DOSING SOLUTIONS

ABOUT US

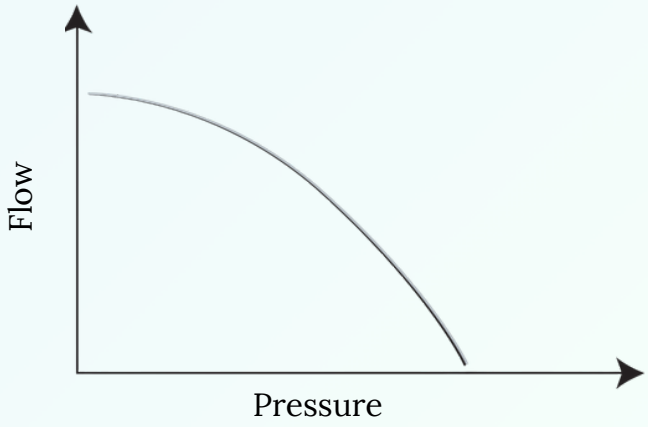
We, MINI DOSE SOLUTION PUMPS started in year 2011, are one of the leading manufacturers and wholesalers of an extensive array of Dosing Pumps, Plunger Pumps, Diaphragm Pumps, Screw Pumps, Industrial Agitator and Dosing Systems. These products are designed by experienced professionals using best material. In addition to this, these products are highly admired for their long-lasting, easy-to-install, defect-free nature and high strength.

WHY CHOOSE US?

- In- House Manufacturing ensures complete quality control
- Consistently Deliver Premium Quality Products
- Customized Body Material to suit specific needs
- Dosing Pumps engineered to handle all types of acids & chemicals
- Precise and accurate liquid dosing

SOLENOID DRIVEN DOSING PUMPS

MODEL	FLOW RATE (LPH)	PRESSURE (BAR)	SPM
MED5	0-6	4	135
MD6	0-10	4	135
MED20	0-20	4	120
MD30	0-30	4	120





MED5



MD6

Key Features:

- High-Precision Electromagnetic Actuation ensures repeatable dosing .
- Supports flexible dosing ranges with precise control over stroke frequency (7-135 SPM).
- Wetted components available in PTFE for acidic fluid handling.



MED20

Material of Construction:

- Liquid end options - PP/PTFE
- Diaphragm- Rubber (PTFE Coated)
- Body- PP Glass filled
- Solenoid Housing - Zinc Coated Mild Steel



MD30

AUTOMATIC DOSING CONTROL OPTIONS

Smart Control. Accurate Dosing. Reliable Performance.

AUTOMATIC CONTROL | ACCURATE DOSING | SYSTEM PROTECTION | CHEMICAL SAVINGS

LEVEL SWITCH CONTROLLED DOSING



- Automatically detects chemical level and stops pump when detects empty tank.
- Prevents dry running and potential damage
- Protects internal components and extends pump lifespan

TIME CONTROLLED DOSING



- Smart timer-based automatic dosing pump for reliable operation.
- Adjustable dosing time from 1–999 minutes with automatic shut-off.
- Enhances process efficiency by minimizing chemical wastage.

pH CONTROLLED AUTOMATIC DOSING



- Automatic dosing based on pH value to maintain desired pH level.
- Maintains pH accurately
- Improves process consistency

ORP CONTROLLED AUTOMATIC DOSING



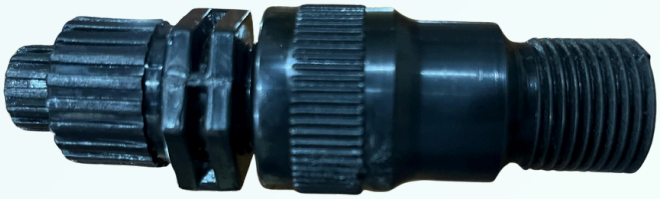
- Automatic dosing based on ORP value for effective oxidation control.
- Maintains Oxidation Potential
- Ideal for Disinfection Applications

***all 4 options are available in our all 4 models(MED5, MD6,MED20,MD30)**

ACCESSORIES



FOOT VALVE



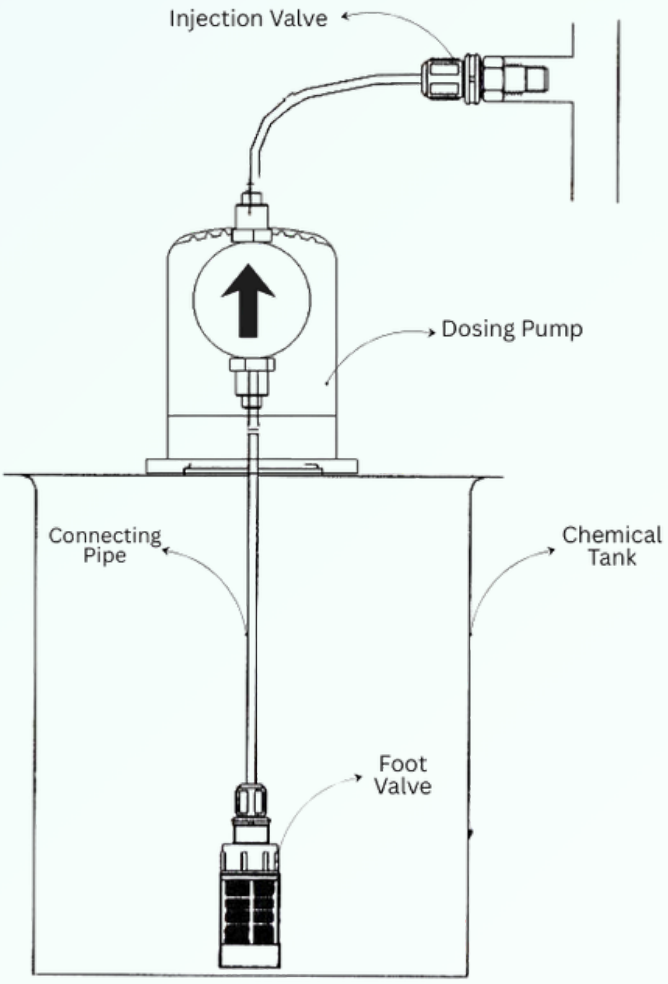
INJECTION VALVE



CONNECTING PIPE



DIAPHRAGM



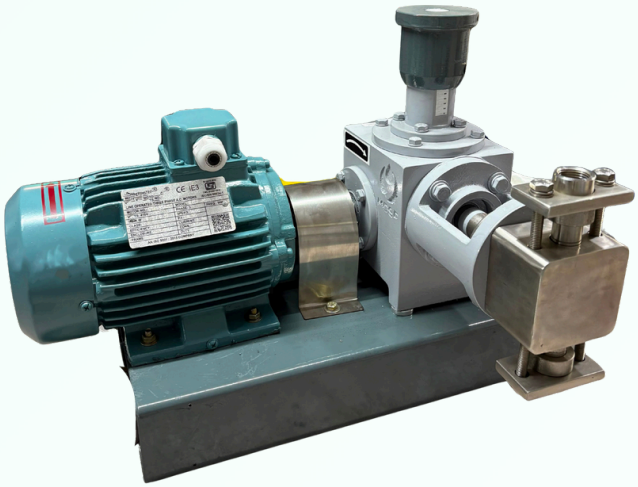
DOSING PUMP INSTALLATION

MECHANICALLY ACTUATED PLUNGER DOSING PUMPS

MODEL	FLOW RATE (LPH)	PRESSURE (BAR)
MD-1	0-100	6
MD-2	0-200	5
MD-3	0-500	5
MD-4	0-1000	5

Key Features :

- Positive displacement plunger mechanism for accurate dosing.
- Capable of handling high discharge pressure and high flow rate.
- Adjustable flow rate with stroke control.
- Robust crank-driven mechanical system for reliable operation.



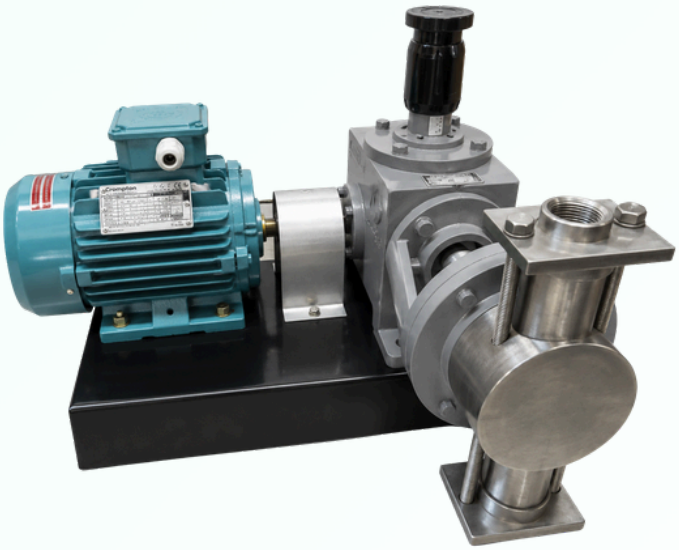
MD-1

Material of Construction :

- Liquid End Options - SS304 / SS304L / SS316 / SS316L or any other steel alloy.
- Gear Housing - Cast Iron
- Gland Sealing - PTFE.



MD-2



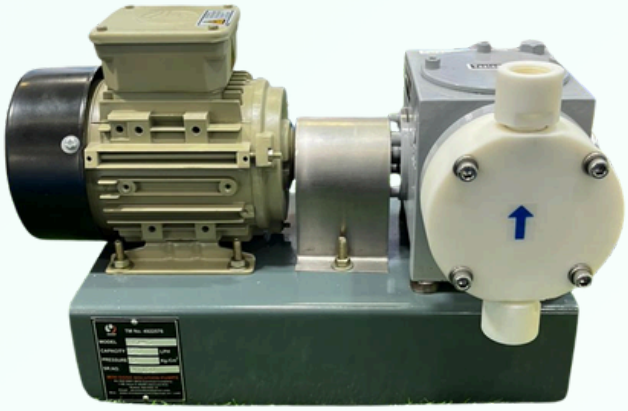
MD-3

MECHANICALLY ACTUATED DIAPHRAGM DOSING PUMPS

MODEL	FLOW RATE (LPH)	PRESSURE (BAR)
MDDP-1	0-60	6
MDDP-2	0-250	5
MDDP-3	0-500	5
MDDP-4	0-1000	5

Key Features :

- Diaphragm-based leak-proof pumping mechanism.
- Handles corrosive and hazardous chemicals safely.
- Accurate and consistent dosing performance.
- Consistent dosing with adjustable flow.



MDDP-1

Material of Construction :

- Liquid End Options - PP/PTFE
- Gear Housing - Cast Iron
- Diaphragm - PTFE coated rubber diaphragm.



MDDP-2

INDUSTRIAL AGITATOR/MIXER

Key Features:

- High-torque motor with variable and fixed speed control for perfect mixing.
- Robust & Durable impeller design for efficient fluid movement.
- Heavy-duty shaft for continuous operation.
- Corrosion-resistant construction suitable for harsh industrial chemicals.

Material of Construction :

- **Wetted Parts-** SS304 / SS316 / SS316L / MS or any other steel/alloy with desired coating of PP / PTFE / FRP etc.
- **Mounting Bracket -** Mild Steel or any desired material.

Customization :

- **Impeller Options -** Pitch Blade Turbine/ Anchor/ Helical Ribbon/ Paddle/ Marine Propeller/Saw-Tooth Disc etc.
- **Mounting -** Top/Side/bottom Entry
- Gearbox for different RPMs according to usage.



PBT



Helix Ribbon



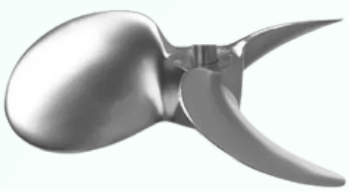
Paddle



Anchor



Saw Tooth



Marine Propeller

***customization will be done as per requirement**

DOSING SYSTEMS

At **MINI DOSE SOLUTION PUMPS,** we manufacture dosing systems built for accurate and consistent chemical dosing in industrial processes. Our systems combine sturdy dosing pumps, well-designed tanks, and reliable piping and control components to maintain steady flow and pressure. They are suitable for applications like water treatment, chemical handling, and other process industries where precise dosing is important.



Key Features:

- Pre-assembled skid with integrated tank, dosing pumps, piping, valves, and instruments.
- Flow rate can be easily adjusted as per application requirement using manual or automatic control.
- Can be integrated with timer, level switch, pH / ORP controller, or PLC for fully automatic dosing.

Dosing System Components :

- Storage/Mixing Tanks- Availabe in , MS, MS-FRP, PP, PTFE, HDPE, LDPE or as required
- Dosing Pumps- For dosing Liquid.
- Agitator- For uniform mixing/preparation of solution.
- Suction & Discharge fittings with required instrumentation such as flow meter, pressure gauge, valves, dampener, isolated fittings and pipings or as required.





***customization will be done as per requirement**

SCREW PUMPS



Technical Specifications :

- Flow Rate- Upto 10000 LPH
- Viscosity- Upto 10,00,000 cSt
- Temperature- Upto 140°C

Key Features :

- Provides constant and accurate flow independent of pressure changes.
- Ensures vibration-free operation suitable for sensitive fluids.
- Capable of pumping low to **high viscosity fluids** efficiently.
- Offers strong suction lift and reliable priming performance.

Material of construction :

- Rotor Options : SS304 / SS304L / SS316 / SS316L / Carbon Steels / Alloy20 etc.
- Stator Options : Nitrile Rubber / Viton / EPDM / Neoprene / Hyplon



OUR TRUSTED CLIENTS























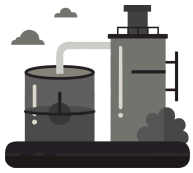








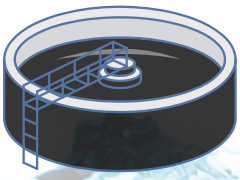
APPLICATIONS



Water Treatment Plant



Sewage Treatment Plant



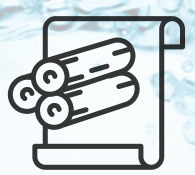
Effluent Treatment Plant



Oil & Gas



Mineral ore Processing



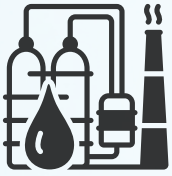
Paper & pulp



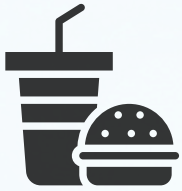
Pharmaceuticals



RO Plant



Refinery & Petrochemicals



Food & Beverages



Chemicals & fertilizers



Textile Industry

CONTACT US



MDSP

TM No. 4922576

MINI DOSE

SOLUTION PUMPS

AN ISO 9001 : 2015 CERTIFIED COMPANY



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