



# Mieco Pumps & Generators Pvt. Ltd.

# 162, Sadar Patrappe Road, Bangalore - 560 002. India.

Phone : 22239173, 41225275, Fax : +91-080-22239090

E-mail : mieco@india.com, enquiry@miecoindia.com, Web : www.miecoindia.com

## MIECO METERING DOSING PUMPS

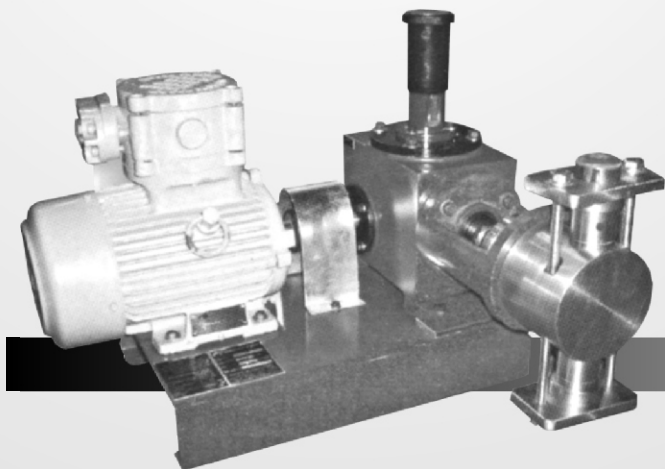
**W**ith increasing Industrial application of Dosing pumps Worldwide, an ISO 9001:2000 Certified Company started manufacturing a highly precise positive displacement plunger / hydraulically Actuated Diaphragm & Mechanically Actuated Diaphragm / High Pressure Triplex / Electronic Type / Metering Pumps & Complete Skid mounted Dosing Systems Package.

**Mieco Metering Dosing Pumps** now offer a complete range of models with variety of liquid end combination to cover and handle every specific metering task. R&D department are continuously engaged for given with its reliable customers total satisfaction for its proactive attitude. As a means of customers support, the company has a well established national service network and ensures prompt supply of spares at very short period.

**Quality :** The total operation based on certified quality systems and the test procedure is based on the global industry standard API 675 & Hydraulic Institute Standard requirement assures guaranteed performance for design & safety. All material traceability records. All project orders are supplied with necessary documents.

### Features

- Precision metering devices
- Variation in stroke length of flow rate is linear
- These pumps are capable for delivering high pressure range up to 400 kg/cm<sup>2</sup>
- The volume of liquid to be delivered can be varied using simple metering accuracy adjustment on the chemical injection
- Flow Rate is either stationary or smoothly running
- Available in duplex and triplex type



## PLUNGER TYPE PUMP

### Models of Plunger pumps

- MM - I
- MM - II
- MM - III
- MM - IV

### Pressure Maximum

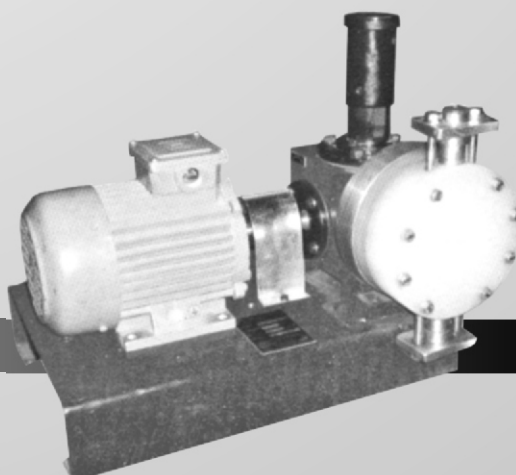
400 Kg/cm<sup>2</sup>

### Mini Max Flow rate

Min.0 lph & Max. 10000 - lph

### Features

- Very simple design
- Economical for costly fluids
- Lubrication splash type in gear box
- For continuous duty is well suitable
- Diaphragm is actuated directly by drive
- Light weight
- Few moving parts : low maintenance
- Available in duplex and triplex type



## MECHANICAL DIAPHRAGM PUMP

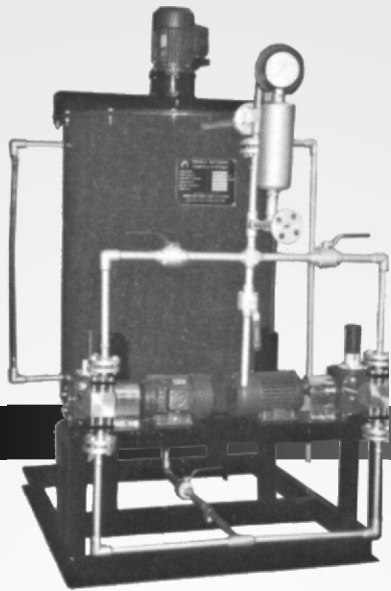
### Allowable Temperature Construction of material

Up to max. 150°C

AISI - 316 - G.F.T. AISI - 304 - PTFE

Capacity 1 to 500 lph

ALLOY - 20 PP HASTALLOY ETC



## Complete Skid Dosing Systems

### Features

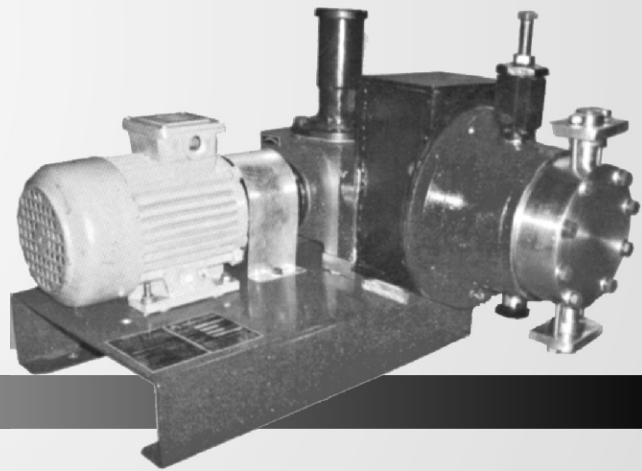
- Simple and comfort design
- Easy maintenance

## DOSING SYSTEMS

### HMD Series

#### Features

- Economical for costly fluids
- Variation in stroke length & flow rate is linear
- Diaphragm pump leakage is completely eliminated
- Making the pump longer diaphragm life
- Diaphragm in PTFE
- Available in duplex and triplex type



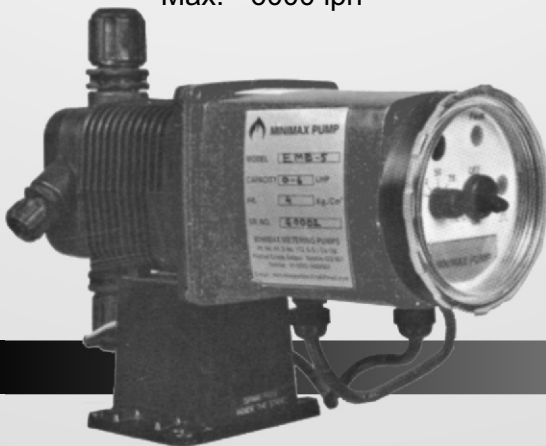
## HYDRAULIC DIAPHRAGM PUMP

### Pressure Maximum

400 Kg/sq. cm<sup>2</sup>

Capacity Mini. - 1 lph

Max. - 6000 lph



### Features

- Air bleed arrangement built into pump head
- Wetted parts suitable for most aggressive chemical.
- PTFE double ball NRV's ensure long life.
- Wide operating voltage range viz 180-280V. Automatic voltage compensation to ensure dosing consistency.
- Level switch inter lock facility available.
- Relay output : Potential free change over contact which activates in the event of pump malfunction.
- Fault L.E.D.: Gives visual indication of blown fuse, low level in chemical tank or over heating of pump.

## MED SERIES DIAPHRAGM

Simple injection type

Capacity - 0 to 31 LPH

### Contact us for our Exclusive Range of Products :

Gear Pumps Mud / Sewage pumps  
De-Watering Submersible Pumps  
Chemical Pumps Process Pumps  
Diesel Pumpsets  
Reverse Osmosis Systems  
High Pressure Water Steam  
Jet Cleaning Machines  
Industrial Scrubbers

Boiler Feed Pumps  
Highspeed Centrifugal Pumps  
Monoblock Pumps  
Hydraulic Test Pumps  
Motorised Hydraulic Test Machines  
Double Diaphragm Pumps  
Water Filters  
Sweeping Machines

Triplex Plunger Pumps  
Dosing / Metering Pumps  
Electric Motors  
Oil Free Compressors  
Oil Free Vacuum Pumps  
Generators  
Water Softness  
Fountain Pumps

Sealless Magnetic Drive Pumps  
Positive Displacement Screw Pumps  
Barrel Pumps  
Sanitary Pumps for Dairies / Distilleries  
Molasses Pumps  
Sprayers  
Customised Pumps

**PUMPING IS OUR BUSINESS, EXPERIENCE IS OUR ASSET**