

Metering pump



“RMME Series”

Rotomake Metering Pumps are engineered for high-accuracy fluid dosing in industrial and process applications. Designed to provide precise, repeatable, and reliable metering, these pumps ensure consistent chemical delivery even under demanding operating conditions. Manufactured using high-quality components and corrosion-resistant materials, Rotomake Metering Pumps are ideal for handling aggressive, hazardous, or critical chemicals.

With advanced stroke control mechanisms, robust diaphragm or plunger construction, and long service life, Rotomake pumps are trusted across industries such as chemical processing, water treatment, pharmaceuticals, petrochemicals, and power plants. Our pumps deliver exceptional accuracy, energy efficiency, and easy serviceability.

PUMP TYPES AVAILABLE

- Mechanical Diaphragm Metering Pump
- Hydraulic Diaphragm Metering Pump
- Plunger (Piston) Metering Pump
- Solenoid-Operated Metering Pump

PERFORMANCE RANGE

- Flow Rate: 0.5 LPH to 5000 LPH
- Pressure Rating:
 - Mechanical diaphragm: Up to 12 bar
 - Hydraulic diaphragm: Up to 100 bar
 - Plunger pump: Up to 150 bar
- Stroke Adjustment: 0–100% (manual or automatic)
- Accuracy: $\pm 1\%$ of rated capacity
- Repeatability: > 98%
- Temperature Range: 0°C to 90°C
- Viscosity Handling: Up to 800 cPs

MATERIAL OF CONSTRUCTION (MOC)

Pump Head: PP, PVC, PVDF, SS304, SS316

Diaphragm Materials: PTFE, EPDM, NBR, Viton

Valves: SS316, Ceramic, PTFE, PVC

Seals: PTFE, NBR, Viton

OPERATING FEATURES

- High accuracy dosing
- Leak-proof diaphragm design
- Manual / Auto stroke control
- Low maintenance oil-lubricated mechanism
- Smooth pulsation-free dosing
- Heavy-duty crankshaft & bearings

APPLICATION INDUSTRIES

- Water Treatment (RO, ETP, STP)
- Chemical Processing
- Power Plants & Boilers
- Cooling Tower Treatment
- Pharma & Biotech
- Petrochemical & Refinery
- Food Processing
- Textile & Paper Industry
- Paints, Dyes & Inks

TYPICAL MEDIA HANDLED

- Acids & Alkalis
- Chlorine, Sodium Hypochlorite
- Alum, Polymer, Lime
- Dyes & Pigments
- Corrosive chemicals
- Additives & Process fluids
- Oils & solvents