



ALPHA GLOBAL An ISO 9001:2015 Company

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M E T E R I N G D O S I N G P U M P S

The Company Manufacturers of Metering pumps are high precision positive displacement pumps, Conforming to API 675 International codes for controlled volume pumps. The company manufacturers plunger Type Metering pump suited for non hazardous. In the case of Molten Liquids Steam Jacketed Head can be provided. Hydraulically operated diaphragm pump suitable for service conditions involving hazardous toxic, radioactive or poisonous Liquid where product Leakage is not at all permitted. Double diaphragm pumps for suitable for slurry. In the case of hot Liquids remote heads can be provided.

The pumps are useful for accurate dosing and mixing of acids, alkalis, slurries viscous liquids etc. They are used in Chemicals, Fertilizer, Water treatment plant, Soap plant Paper industries, Pharmaceuticals industries, Thermal power projects and Plastic industries.

The pump discharge is variable while pump is running or at rest from zero (0%) to full stork (100%) by means of a precision machined Crank equipped with a stork length adjustment mechanism. The stork of the pump Controlled manually (local) or Automatic Electrically (Remote). The pumps are available in ranges from 0.5 to 15000 LPH pressures. Pump can be offered in Simplex, Duplex, Triplex and Multiple Heads for handling different chemicals with common Motor. Each head would have independent connections and the capacity of each head can also be independently adjustable. Wetted parts can be offered is S.S. 316 or 304. Carbon Steel, P.P., P.V.C., P.V.D.P., Teflon, Alloy 20, Hastally B or C. and Titanium etc. Diaphragm Material Teflon.





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PLUNGER TYPE METERING PUMPS

The Company Manufacturers of Plunger Type Metering Dosing Pump for non hazardous liquids, Because of their simple dosing they are quite economical. They can be provided with flushing connections. The company also manufactures hydraulically operated Single and Double Diaphragm type and Remote head type for hot liquids and Jacketed Type for Molten Liquids. The range includes high precision positive displacement pump conforming to API 675. Typical application for our pumps is useful accurate dosing and mixing of acids, alcoholic, slurries, Viscous liquids etc. They are used in Chemical Plant, Fertilizer plant, Water Treatment Plant, Shop Plant, paper Industries, Pharmaceutical Industries, Thermal Power projects, and Plastic Industries.



Our range covers everything from the single pump to completed automated meter in dosing system and comprises of plunger and diaphragm pump with metering range from various capacity and pressure from Two to Fifteen thousand LPH. Pump can be offered in Simplex, Duplex, Triplex, and Multiple Heads handling for different chemical with a common Motor. Each heads would have independent connection and capacity of each heads can be also independently adjustable. The pump discharge is variable while pump is running or at rest from Zero (0%) to full stroke (100%) by means of a precision Machined Crank equipped with a stroke length adjustment mechanism. The stroke of the pump controlled either Manually (Local) or Automatic electrically (Remote) 4 to 20 MA. Wetted parts can be offered in S.S.316 or 304, Carbon Steel, PVC, PP, Teflon, PVDF, Alloy 20, Hastalloy B or C, Titanium etc.



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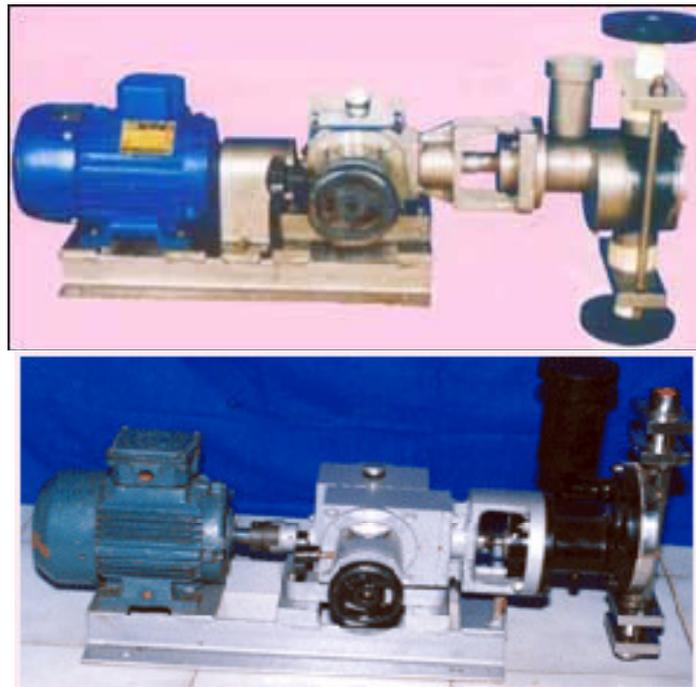
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DIAPHRAGM TYPE METERING PUMPS

The Company Manufacturers of Hydraulically Operated Single Diaphragm Type and Double Diaphragm type metering pump for suitable service conditions involving hazardous toxic, radioactive or poisonous liquid where product leakage is not at all permitted. The Diaphragm is hydraulically actuated and has a long life as it is always in hydraulic balance, with the liquids being pumped on one side and actuating fluid on the opposite side. Its function is basically that of a partition. The diaphragm material is usually Teflon. The system is safety guarded by an in built Relief Vacuum Combancity Valve on the hydraulic side. For very severe duty conditions or when handling slurry or hot liquids, double diaphragm and remote heads can be provided.



The Company also manufactures Plunger Type Metering Pump for nonhazardous liquids, steam jacketed plunger type metering pump for molten liquid, remote head type metering pump for hot liquids. The Range includes high precision positive displacement pump conforming to API 675. Typical application for our pumps are useful for accurate dosing and mixing of acids, alcoholics, slurries, viscous liquids etc. They are used in Chemicals Plant, Fertilizer Plant, Water Treatment Plant, Soap Plant, Paper Industries, Pharmaceuticals Industries, Thermal Power Projects, and Plastic Industries.

Our range covers everything from the single pump to a completed automated Metering dosing system and comprises of plunger and diaphragm pump with metering range from various capacity and pressure from two to fifteen thousand LPH. Pump can be offered in Simplex, Duplex, Triplex, and Multiple Heads, handling for different chemicals with a common Motor. Each head would have independent connection and capacity of each head can be also independently adjustable.

The pump discharge is variable while pump is running or at rest from Zero (0%) to full stork (100%) by means of a precision machined Crank equipped with a stork length adjustment mechanism. The Stork of the pump controlled either manually (Local or Automatic Electrically) (Remote) 4 to 20 MA.

Wetted parts can be offered in S.S. 316 or 304, Carbon Steel, PVC, P.P. Teflon VDF, Alloy 20, Hastalloy B or C. Titanium etc.



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STEAM JACKETED PLUNGER PUMPS

Manufacturers of Steam Jacketed Metering Pump for molten liquids. The jacketed encloses the Check Valves and Gland Chamber. The valves are cartridge type and can be removed for servicing without dismantling the suction and discharge connections.

The company also manufactures plunger type hydraulically operated single Diaphragm type double Diaphragm type and remote head for hot liquids. The range includes high precision positive displacement pumps conforming to API 675. Typical application of our pumps are useful for accurate dosing and mixing of acids, alcoholics, slurries, viscose liquids etc.

They are used in Chemical plant, Fertilizer plant, Water Treatment plant, Soap plant, paper Industries, pharmaceutical Industries, Thermal power projects, and plastic Industries. Our range covers everything from the single pump to a completed automated metering dosing system and comprises of plunger and diaphragm pump with metering range from various capacity and pressure from two to Fifteen Thousand LPH. Pumps can be offered in Simplex, Duplet Triplex, or Multiple Heads, handling for different chemicals with a common motor. Each head would have independent connection and capacity of each head can be also independently adjustable.



The pump discharge is variable. While pump is running or at rest from zero (0%) to full stork (100%) by means of a precision machined crank equipped with a stork length adjustment mechanism. The stork of the pump controlled either manually (local) or Automatic Electrically (Remote). 4to 20 MA.

Wetted parts can be offered in S.S. 316 & 304, steel, P.V.C. & P.P. Teflon, P.V.D.F., Alloy 20 Hastalloy Borc, Titanium etc.