



AERON ENGINEERING

MF: Industrial Chemical Transfer Pumps & Industrial Products

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SELF PRIMING CUM CENTRIFUGAL MUD PUMPS "MP" SERIES

SPECIAL FEATURES:-

- Excellent quick automatic action without foot valve up to 8 mtrs.
- Automatic air release during priming.
- Back pull out design, so easy maintainance without disturbing pipe lines.
- Dynamically balanced rotating parts ensure less vibrations.
- Better efficiency because of good hydraulic design.
- Minimum parts, fast repairing at low cost, Also pump is available at economical rate.
- Available in Bare, Coupled, Monobloc, Belt driven & Engine driven version.
- Also offered pump with trolley / trailer to move it from one place to another.
- Monobloc pumps can be able to with stand with wide voltage fluctuations.
- Less expensive & easily available spares.
- Pumps can be fitted with mechanical seal as per customer's requirements.
- Very simple construction, only two moving parts.
- Easy inspection of impeller.
- Large diameter solids handled. up to 60 mm
- High resistance. to abrasive liquids the wear plate is easily replaced and impeller are also available with ceramic coating
- **Easy to install:** - only the suction hose is immersed in the liquid, The pump can be set up high and dry in the most convenient position for inspection and maintenance.
- **Long Life :-** The parts subject to wear can be easily replaced one or more times to restore the original performance.



APPLICATION:-

- **Public utilities** : For pumping muddy water, sewage, polluted liquids, solid and in swimming pool.
- Dewatering Basements, Trenches, Construction sites. □ Onboard shift, as bilge, for desk wash & engine cooling □ Tiles & Marble factories, effluent plants.
- **Mobile Machinery** : Cooling water for marine engines and shovels.
- Any application where priming is to be avoided.
- **Industry** : Transfer of clean or dirty neutral, acid or alkali liquids containing sand, mud or solids in suspension; clean or dirty low viscosity petroleum product or solvents; milk of lime, caustic soda; washing, cooling, circulation; smoke scrubbing; emergency duty.
- **Civil engineering** : Flood drainage; sewage pumping; fire fighting; recovery of dangerous liquids.
- **Naval duty** : Loading and unloading; bilge pumping; washing, fire fighting, stripping, sanitary duty and circulation.
- **Waste treatment**: pumping polluted, hot or corrosive waster water containing sand, mud or solids in suspension; dosing neutralizing liquids; pumping out settled sludge.
- **Construction industry** : Dewatering excavation, canals or ponds; ground water dewatering with well point system or drains; water supply from wells or canals; hosing down concrete castings.
- **Agriculture** : Surface irrigation; liquid manure oxygenation; transfer and spraying liquid manure or fertilizers, distribution of liquid animal feed; transfer of must; washing. □



TYPICAL APPLICATION:-

- Liquid containing sand mud or solids in suspension with pH from 5-13 , smoke scrubbing; water emulsion for machine tools or grinders, cutting or quenching fluid circulation, cooling water circulation in steel mills or drawing mills; neutralizing liquid dosage, pumping out settled sludge, sump pumping liquid manure transfer and circulation
- Water circulation in paint spray booths; stripping fuel tanks circulation
- Recovery of dirty solvents
- Transfer of light petroleum product such as diesel fuel, paraffin, kerosene and petrol (gasoline)
- Liquid fertilizer transfer, circulation and spraying, brackish or sea water containing sand
- Brackish or sea water washing, cooling or fire fighting in ports; auxiliary duties on board
- Marine duty; brine, sea intake and circulation of sea water in swimming pools
- Pumping out acid waster, transfer, of dilute acids; fruit juice or fluid food products
- Recovery of spills from chemical plant; transfer or circulation of caustic soda or potash
- At Drilling Rigs

MUD PUMP SPARES

