



ALPHA GLOBAL



MUD PUMPS:

We An ISO 9001:2015 Company offer unique designed very Efficient Self Priming -Centrifugal MUD Pumps appropriate to your wide applications.



Special Features:

- Excellent quick automatic action without foot valve up to 8 metres.
 - Automatic air release during priming.
 - Back pull out design, so easy maintenance without disturbing pipe lines.
 - Dynamically balanced rotating parts ensure fewer 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, Mono block, Belt driven & Engine driven version.
 - Also offered pump with trolley / trailer to move it from one place to another.
- Mono block 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 very difficult and so 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 waste 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.



FABRICATED SS PUMP

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



3" FABRICATED SS PUMP



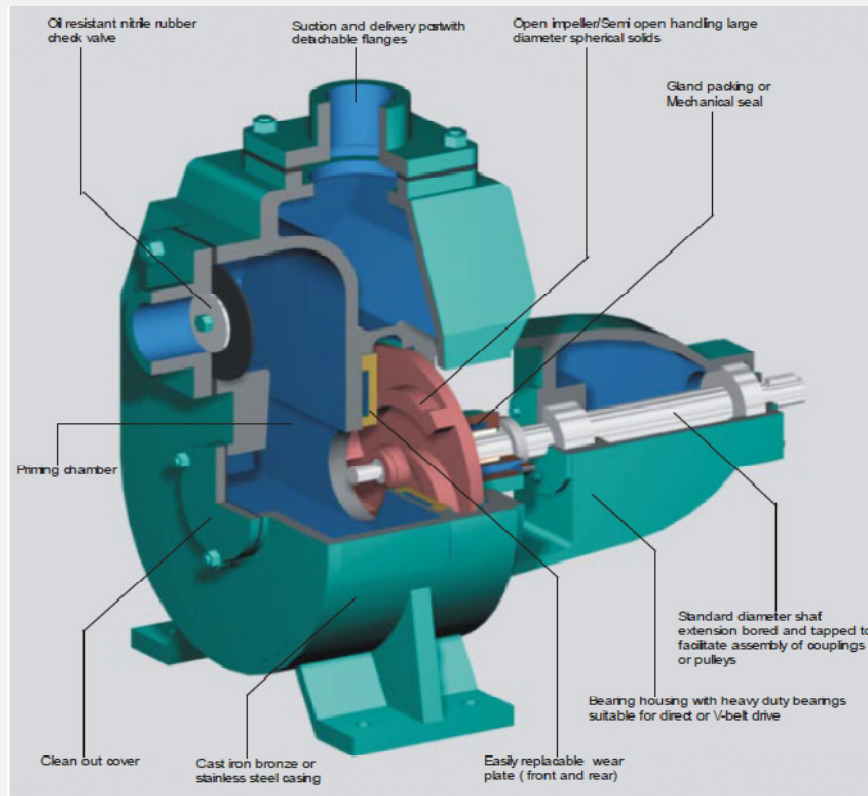
100 HP HIGH HEAD AND HIGH DISCHARGE MUD PUMP



ENGINE DRIVEN TROLLEY MOUNTED PUMP

Material of Construction

Name	Standard	Options
Casting	Cast iron FG 260	SS-304/316/gunmetal
Impeller	Cast iron FG 260	SS-304/316/gunmetal
Shaft	EN-8	SS-410/304/316
Sleeve	SS-410	SS-304/316
Gland	TIWA	Mechanical seal, PTFE



Contact:



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