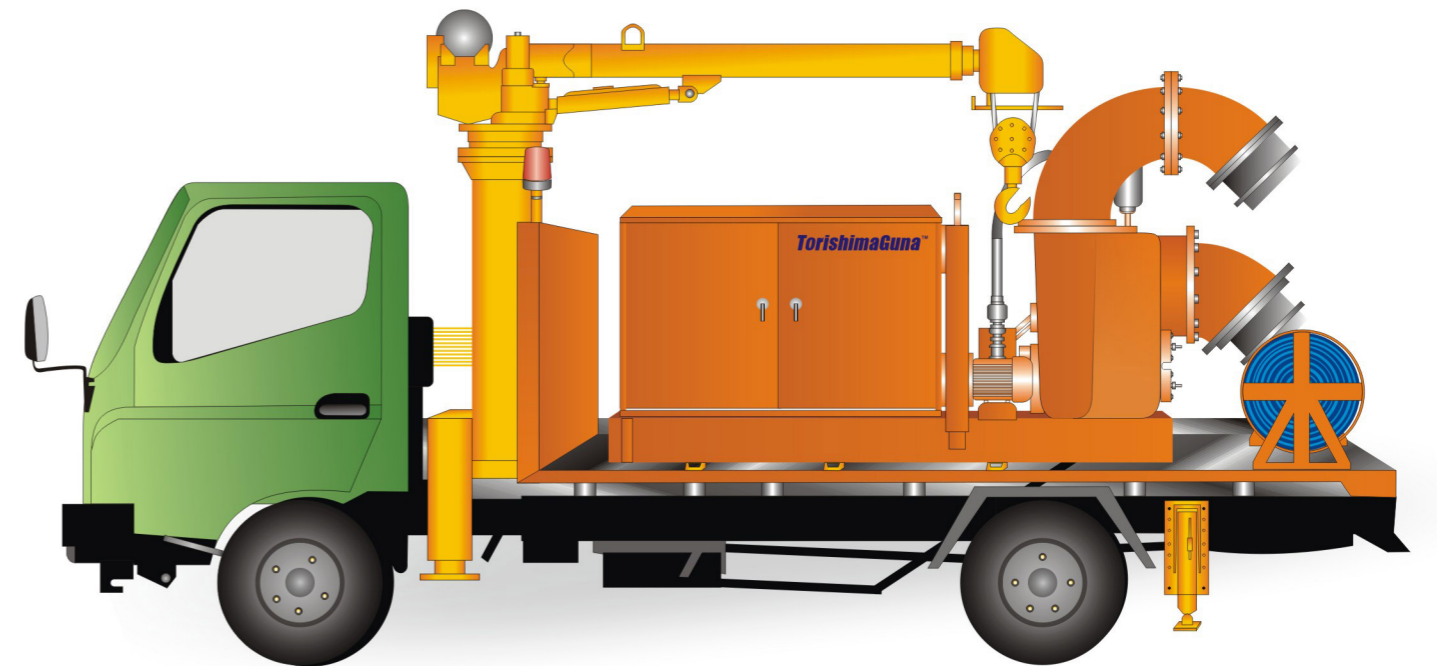


MVP



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MOVABLE DRAINAGE PUMP SET





General

MVP Series is a new line of movable pump set suitable for area in need of quick response such as flood control, drainage and area where electricity not available or limited.

Using various type of pump, assisted with vacuum pump or self priming pump for priming, the main pump is directly connected with flexible coupling and gearbox reducer into diesel engine. Connection with pulley and belt also available.

Various pump with impeller design enable for various tough, hard condition of pumped liquids. Powered with diesel engine or electric motor is also available depend on requirement. Priming can be done with vacuum pump or self priming pump with foot valve. Priming pump is equipped with the unit during initial priming, coupled with V-belt to the engine rear pulley PTO.

The unit is mounted on a site trailer with large capacity fuel tank, folding support, adjustable tow bar, lifting hook and electric start. On request, the following are available : three or four wheeled trailer, roadworthy trailers at speed up to 40 km/h, tubular protection frame, soundproof or weatherproof canopy, hand start.

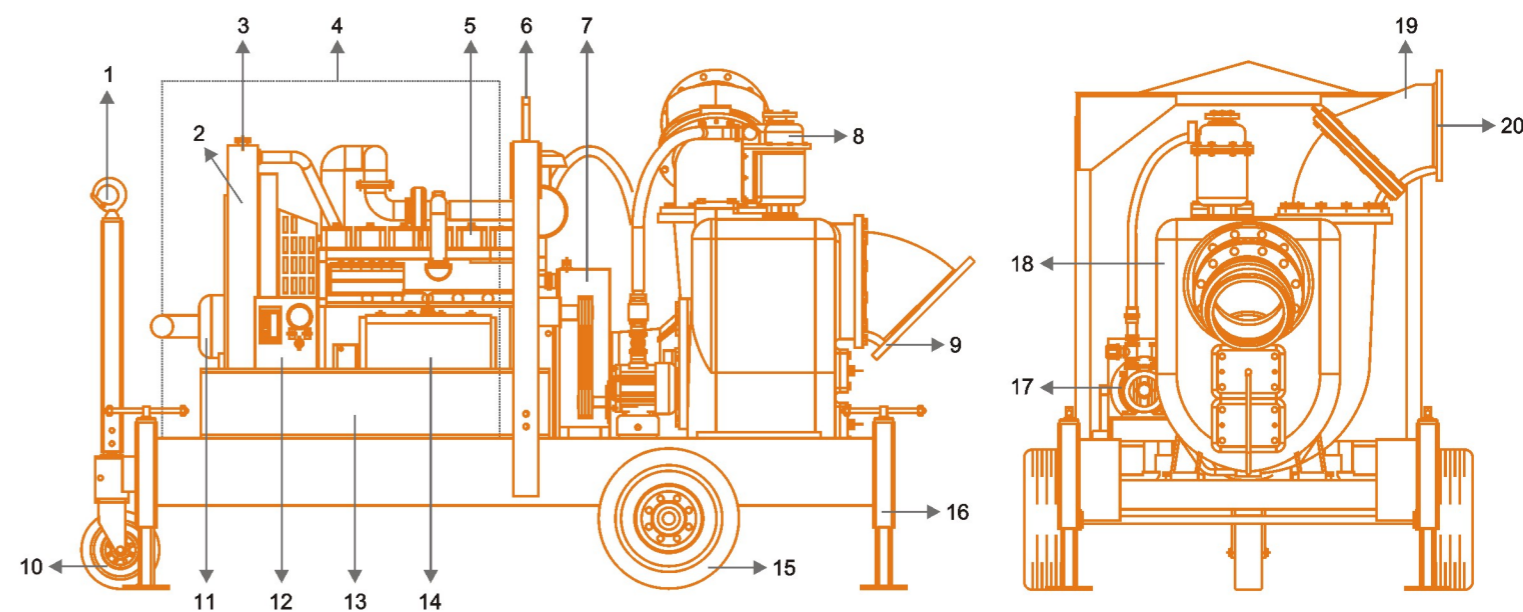
Why use Mobile Flood Pump ?

- ✓ For Pumping Flood Water at Area Where No Electricity is Available
- ✓ No Need For Huge, Static Pumping Station
- ✓ Quick Response for Any Demand

Main Equipment	Trailer	Accessories
<ul style="list-style-type: none"> • Pump • Diesel Engine • Priming System <i>(optional)</i> • Control Panel • Trailer • Accessories 	<ul style="list-style-type: none"> • Three or Four Wheels Trailer • Saddle For Stationary Operation • Fuel Tank, for Up to 8 Hours Continuous Operation • Silent Cabinet or Weather Proof Cabinet 	<ul style="list-style-type: none"> • Suction Rubber Hose • Delivery Hose • Suction Strainer • Non-return valve <i>(optional)</i> • Pulley With Belt <i>(optional)</i> • Gearbox, Speed Reducer <i>(optional)</i> • Power Take Off / PTO <i>(optional)</i>



MVP ON TESTING



Part No.	Part Designation	Part No.	Part Designation
1.	Drag Road	11.	Exhaust Pipe
2.	Radiator	12.	Control Panel
3.	Water Plug	13.	Fuel Tank
4.	Weatherproof Cabinet	14.	Battery
5.	Engine	15.	Tyre
6.	Lifting Lug / Lifting Hook	16.	Outriggers
7.	Coupling Cover	17.	Vacuum Pump (optional)
8.	Vacuum Chamber (optional)	18.	Self Priming Pump
9.	Inlet Nozzle	19.	Check Valve (optional)
10.	Steering Wheel	20.	Outlet Nozzle

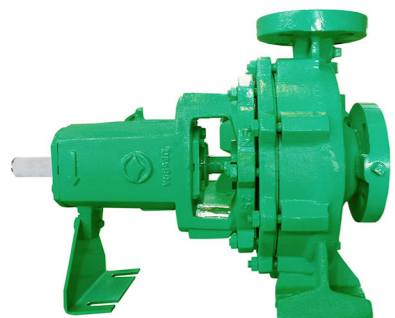
APPLICABLE PUMP MODEL

Pump is one of main component for mobile pump package. Some of pump can be use for the application, depend on location and install equipment. Torishima can supply the package base on customer requirement. Following pump are applicable for mobile flood pump application :



Self Priming Pump

Self priming pump is the common type for this application because of the simpleness, with non clog impeller design and check valve installation on suction side.



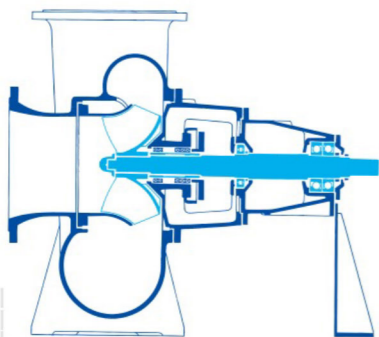
End Suction Type

End suction pump has similar like self priming with wider range in capacity and pressure.



Split Case Type

Split Case pump will be use for the application with large flow, large range of pump head and low NPSH.



Mixed Flow Type

Mixed pump will be use for the application with large flow and low head.

PROJECTS REFERENCES

