



# High Capacity Trailer Fire Pumps MFT 6000



**The Silent Beast**

## **FLOOD RELIEF | FIRE FIGHTING | DE-WATERING**

### **OVERVIEW**

The Trailer mounted pump can be used as a heavy duty fire pump and a wide range of performances that combines the benefits of firefighting with the ability to move large volumes of water continuously. The design has been specifically developed to meet the needs of the emergency services like fire fighting, high speed dewatering in flood affected areas for prolonged period.

Electric start, fully equipped control panel and highly reliable priming mean the pump can be put into service quickly and easily in emergency situations.

[www.fireflypumps.com](http://www.fireflypumps.com)



## User Friendly Design

- Easy access to all inlets & outlets of pump.
- Illuminated control panel with push buttons for all controls.
- Emergency stop.
- Flood lamp for night operation.
- Automatic priming system for trouble less pumping operation.
- Open able doors from all sides for easy access during maintenance. Easy access given to all operating fluids filling or draining or checking ports.
- Large sized toolbox to carry all needful tools & tackles along with equipment (Optional).
- Acoustic closure for soundless operation.
- Exhaust gases are diverted away from operators position.

## Salient Features

### Pump & Engine

- ▶ Highly reliable Firefly make 6000 Liters/min pump at 10 bar pressure.
- ▶ Maximum Discharge – Upto 8000 Liters/min.
- ▶ Available in Aluminum / Gunmetal / Stainless steel construction.
- ▶ Twin suction inlets of 140 mm British Standard Round Threads.
- ▶ 6 Delivery outlets with 63 mm British Standard Female Couplings.
- ▶ Primer – Fully Automatic twin piston reciprocating 'E-Primatic' Primer.
- ▶ Capable of lifting from 8 meters depth.
- ▶ Two collecting heads with 4 inlets to water intakes directly from hydrant connections or from other pumps for water relay.
- ▶ High speed 4 stroke 6 cylinder turbo charged intercooled diesel engine.
- ▶ Electric start by 24 volts.
- ▶ Heavy duty radiator gives cooler operation at rated duty point for extended durations.
- ▶ Heavy duty anti-vibration mounts gives vibration free operation.
- ▶ Fuel tank capacity of 160 liters – capable of min 4 hours continuous run at rated duty point.
- ▶ Transmission –
  - Step up Gear train of special alloy steel gears duly forged, case hardened & ground for soundless operation with water cooling.
  - Selector gear & lever provided to engage-disengage engine from pump as & when needed.



### Trailer & Canopy

- ▶ Tandem axle trailer with 4000 kg pay load.
- ▶ Hydraulic overrun brakes for all wheels.
- ▶ Tubeless radial tyres.
- ▶ Height adjustable draw bar (Range - 800mm) - makes the equipment perfectly suitable to be towed by any vehicle.
- ▶ 4 heavy duty screw jack types drop legs for level adjustment.
- ▶ Rotating beacon lamp.
- ▶ Completely closed & acoustic closure to engine for silent operation.
- ▶ Highly advanced independent floating suspension provided with 30% enhanced shock absorbing capacity with increased ground clearance for all terrain operations.



## FIREFLY FIRE PUMPS PVT. LTD.

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