

ENSOL™

FIRE TRUCKS



ENSOL MULTICLEAN EQUIPMENTS PRIVATE LTD.

FIRE TRUCKS

ENSOL Fire Trucks are specially designed for operation of Fire Fighting. Its primary function is for transporting fire fighters, water for quick deployment to emergency sites, ensuring a rapid response to fire and other crises.

The Fire Truck is equipped with special tools and equipment for Fire Fighting and Rescue operations.

SALIENT FEATURES OF ENSOL FIRE TRUCKS:

- They are Well Designed, Robust, Reliable, Easy to Operate and Maintain.
- Are customised to Rescue Lives, Properties and natural resources from getting destroyed by fire.
- Can be used for dealing with Natural Disasters and other Emergencies.
- Excellent Service backup and Spare Parts support

FIRE FOAM TENDER VEHICLE

WATER TANK:

The water tank is made of Stainless Steel / MS 2062 5.0 mm thick sheet complete and baffles to avoid water surge while travelling. A cleaning hole of 250 mm dia is provided at the bottom of the tank. The cleaning hole is fitted with a 25 mm dia drain pipe with a valve and plug connection.

Tank has the following connections to facilitate operation:

- Hydrant -Tank
- Tank- Pump-Hose Reel
- Tank-Pump-Monitor
- Hydrant -Pump-Hose Reel
- Tank -Pump-Delivery
- Tank - Pump-Cooling Tank

FOAM TANK:

The foam tank is rigid type of Min. 500 liters capacity and is fabricated out of 4 mm thick Stainless steel sheet. The foam tank is tested hydraulically at a pressure of 0.3 kg/cm². The foam tank has a filling orifice of not less than 150mm dia with a removable strainer fitted to it.

FOAM COMPOUND PROPORTIONATOR:

Automatic foam proportionate arrangement is provided where the induction ratio of foam compound/water solution and flow of water are automatically varied as desired merely by opening and closing the monitor or hand lines.

DELIVERY OUTLETS:

There are 2 numbers delivery outlets having standard gun metal instantaneous female couplings with screw down type delivery valves with blank caps.

HIGH PRESSURE HOSE REEL:

Two high pressure hose reels with high pressure guns to facilitate operation of the high pressure section of the fire pump is provided with suitable mounting so it can be easily accessible for use from either side of the appliance.

MULTIPURPOSE WATER CUM FOAM MONITOR:

Multipurpose water cum foam monitor is light in weight and is suitable for ground as well as deck mounting. It has 360° rotation in round mode and has -15° downward to +45° upward movements with safety lock in deck/stand post mode.

PUMP:

The centrifugal pump is double stage with suitable flow capacity. The delivery outlet of pump is connected to monitor.

TECHNICAL DATA

1	TRUCK GVW (Min)	7.5 Tonne	18 Tonne	25 Tonne
2	FIRE PUMP	1800 LPM@7kg/Sqcm & 300 LPM @35 kg/Sqcm	2250 LPM@7kg/Sqcm & 300 LPM @35 kg/Sqcm	4000 LPM@10kg/Sqc & 300 LPM @35 kg/Sqcm
3	HOSE REEL	PIPE 60 MTR -ID 19MM	PIPE 60 MTR -ID 19MM	PIPE 60 MTR -ID 19MM
4	WATER TANK	3000 LTR	4500 LTR	12000 LTR
5	FOAM TANK	-	500 LTR	-

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