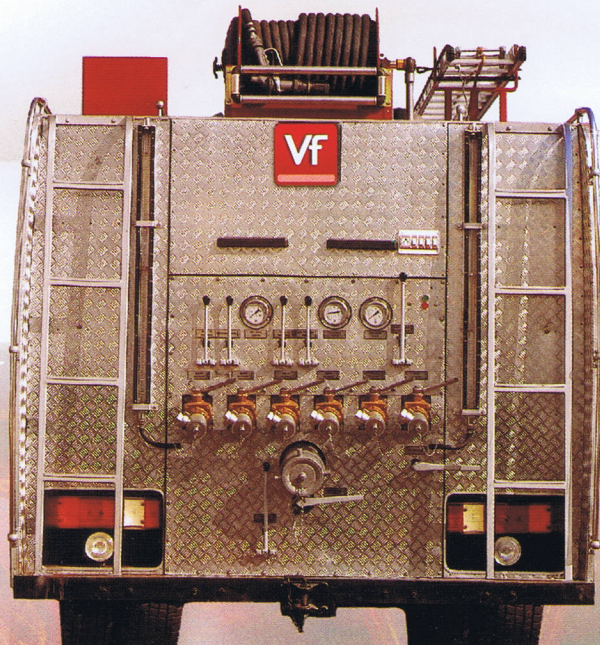


FIRE TRUCK

(MULTI PURPOSE FIRE TENDER)



VIJAY FIRE VEHICLES AND PUMPS LTD.

The power behind the fighter

FIRE TRUCK

(MULTI PURPOSE FIRE TENDER)



CHASSIS

Multi Purpose Fire Tender will be fabricated on Mercedes Benz/ Volvo/ Ashok Leyland/ TATA Chassis. The Tender is provided with 2000 to 8000 ltr. capacity Water Tank, 500 to 8000 ltr. capacity Foam Tank, 6 x 22.5 kg CO2 cylinder and 2/4 75 kg DCP Extinguisher.

CABIN

It has a single/double cabin for driver, officer and five crew member.

WATER TANK

A water tank of required capacity as stated above fabricated out of M.S/S.S of suitable sheets is mounted on the chassis. The tank is baffled in both direction and is provided with a filling cap, manhole, overflow pipe etc.

FOAM TANK

A foam tank of suitable capacity as stated above made of stainless steel of suitable thickness is mounted on the chassis. A manhole of suitable diameter on top of tank can be used for foam filling with removable strainer.

WATER PUMP

Vijay / Godiva / Rosenbauer / Morita Make Single / Double Stage / Multi pressure Centrifugal Pump made of Gunmetal / Light alloy having well balanced impeller and stainless steel main shaft is provided on the appliance. The single / double stage pump is designed to give an output of 2250 to 10000 LPM at 7 kg/cm². Multi Pressure pump is designed to give an output of 2250 to 6000 LPM at 7 kg/cm² to 10.5 kg/cm² low pressure and high pressure 250 to 400 LPM at 25 to 40 kg/cm²

PRIMER

Primer provided is capable of lifting from 7 mtr. depth at a rate of 30 cm/sec. The primer can be of Reciprocating or Water Ring or Exhaust type.

P.T.O

Webster or Indigenous PTO of suitable gear ratio is used for connecting pump to engine by propeller shaft with suitable number of hanger brackets with centre bearing.

MONITOR

A foam monitor provided is capable of traversing through 360 deg in horizontal plane elevating from horizontal to 45 deg and decreasing from horizontal to not less than 15 deg having a flow rate of atleast 1900 LPM at 7 kg/cm² to 6500 LPM at 8.5 kg/cm² and discharge to an effective distance of 40 mtr. to 75 mtr. in still air. It can be operated by a crew man from top of the cabin or pneumatically operated from inside the cabin.

FOAM COMPOUND PROPORTIONATOR

The proportionator will be fitted between the suction and delivery of the pump which will induct the foam

compound in water without loss of pressure from pump. Also arrangement supplying water and foam through same lines and balance delivery water is possible.

HOSE REEL

One First Aid Hose Reel provided with 60 mtr. of 20mm single piece hose terminating in a shut off nozzle. If high pressure pump is used then addition one number high pressure hose reel with 30 mtr. x 20 mm. high pressure hose with fog gun will be provided.

LADDER GALLOWS

Gallows will be provided to carry 10.5 mtr. long extension ladder.

TOOL KIT CONTAINER

A suitable box is provided to carry all the normal tools.

CO2 EXTINGUISHING SYSTEM

4/6 nos. Co2 cylinder of 22.5 kg each provided in the battery of 2/3 each on each side of the appliance. They operate through 15 mtr. x 12mm dia hose wound on hose reel with an application horn.

DCP EXTINGUISHING SYSTEM

2/4 nos. 75 kg DCP container are provided in the lockers. The N2 cylinder will be provided with suitable valve and expellant gas. The unit operates through 25mm dia., 15 mtr. long hose with applicator nozzle.

FOAM PUMP

Gear operated foam pump capacity of 300 LPM / 500 LPM at 7 to 15 bar provided. The foam pump will be mounted on the vehicle connected to side PTO or split shaft PTO by propeller shaft with sufficient number of support or a manually operated transfer pump can be provided as required.

CONTROL PANEL

All the supportive controls will be provided on the vehicle.

ACCESSORIES

Standard accessories or accessories required by clients will be provided.

PAINTING

The appliance will be painted in PO Red with Monogram and lettering on both sides of the appliance.

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