



The heavy fire fighting truck is used to extinguish different types of petroleum fires. The truck is equipped with a fire fighting pump, a foam pump, water and foam tanks, monitor and cabinets on the sides.

The truck is suitable to work in gas stations, ports, industrial areas, airports and power stations. The super structure can be installed on the following chassis Volvo, Mercedes, International and Scania.

- Power up to 400 HP
- Chassis payload up to 25 tons
- Traction system 6X4 water cooled
- Extra cooling for the radiator from the water pump
- Single or double cabin (optional)
- 10 m³ Galvanized or stainless steel water tank (optional)
- Upper manhole for filling and inspection
- Internal baffles to break the inertia
- Sound and light alarm and siren
- Sliding door cabinets on the sides of the vehicle
- Least possible dimensions of the truck
- Foam and water tank capacities pending on the customer request
- Water level indicator with an overflow outlet
- Tank cover can be completely removed
- Many fire fighting, rescue and first aid tools
- A wide variety of pumps
- Pumps are suitable for all types of water
- Pump protection from pressure, heat and speed
- Priming unit at depth of 24 feet in 30 seconds
- Pump discharge 6000lit/min at 10 bar
- 4 or 6 discharge outlets 2.5"
- Intake with requested diameter and type
- 2 hose reels 30 m long ¾" or 1"
- RTP foam system or balanced pressure foam pump from 1% to 10%, the pump is powered by the truck engine or a separate means. The mixing takes place at the discharge outlets of the truck, thus water and foam can be discharged at the same time.
- Upper monitor for water and foam up to 4000 lit/min, distance 80 m
- Light around the truck, pump and control panel

The Pump: a product of Hale-Godiva. The pump has a discharge capacity up to 6000 lit\min at 10 bar. The impeller is manufactured from phosphor bronze, the shaft from stainless steel. The pump has outlets for the hoses, the water monitor and the reels; outlet for water tank feed, foam inlet intake. The two inlet openings have diameters of 4" and 2.5" (optional).

The priming unit: a product of Hale company. Works on the vehicle's electricity. Capable of priming water from a depth of 24' in 30 sec. The unit is easy to assemble and maintain.

Water tank: made out of galvanized steel up to 10 m³ with internal baffles to break the inertia forces on applying the brakes or severe turning. Internal and external reinforcement webs. The top of the tank can be completely removed for cleaning and annual maintenance works. A 50 cm manhole for filling and regular inspection. Inlet for filling the tank from the pump, overflow outlet, ventilation outlet, lower outlet for feeding the pump from the tank, drainage outlet, level indicator for the water level inside the tank, sieve on the inlet line to the pump to prevent dirt from reaching the pump. Manufactured according to international standards.

Foam tank: stainless steel tank capacity of 10 m³ of concentrated foam with wave inhibitors and reinforcement webs, level indicator to show the fluid level inside the tank. Inlets and outlets for filling and drainage. Foam mixing system around the pump, RTP to insure proper mixing of the foam inside the pump, then it is pumped out through all the outlets. Mixing ratio from 1% to 10%.

Powder Tank: manufactured from steel suitable for high pressure resistance with capacity up to 2 tons of dry powder. The system includes nitrogen cylinders for pushing the powder and also for cleaning after use. The output of the powder cylinder is connected to the two hose reels on both sides of the vehicle as well as an optional power monitor. The control panel is complete with the gauges, pressure dials, powder nozzles and safety valves along with all the needed equipment to operate the system according to international standards.

Reels: 2 hoses of diameter ¾" or 1". Length of the hose is 30 meters (or upon demand), located on the sides of the pump. The hoses are fully equipped with the variable nozzle (perpendicular, foggy, spray, foam).

Cabinets: made out of galvanized steel, similar on the sides of the vehicle, with aluminum sliding doors equipped with shelves, space to store and fasten needed equipment, also lights at opening the doors (optional).

Water monitor: water monitor for water and foam, water discharge rate of 1650 lit\min at 8 bar, foam discharge rate up to 8000 lit\min at 5 to 7 bar. The water monitor can move horizontally 360°, vertically from -40° to +90°, the discharge rate can be controlled via a speed regulator located in the cabin either manually or electrically (optional).

Control panel: equipped with all the suction and drainage pressure gauges, working hour meter, engine speed regulator, as well as the required readings for operating and a handle for the priming unit.

Sound and light alarm: 2 red flashers and a revolving siren, a full loud speaker with the horn and microphone.

Lights: lights located in the corners and front of the vehicle, pump and control panel.

Extra cooling system: extra cooling for the radiator using pressured water from the fire pump without mixing, this guarantees longer working hours for the engine without an increase in temperature especially in hot climates and close to flames.

Compatibility between the speed of the engine and that of the pump, this way full utilization of the pump can be achieved at the economical revolution speed of the engine, this guarantees the maximum length of working time without causing engine fatigue.

Attachments dual treatments: made from galvanized steel, which is coated and painted from the outside to ensure no effect due to the water exposure.

Modifications and upgrades: these are done according to the circumstances and the customer requirements according to the international standard specifications.