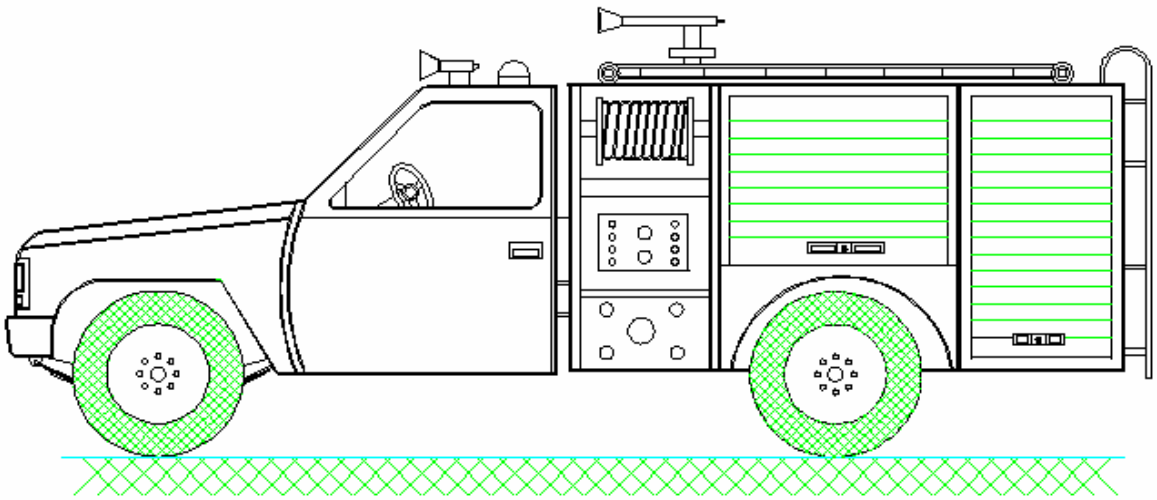
Light Fire Fighting Truck for Ports



The light fire fighting truck for ports is equipped with a 5000 lit/min pump at 10 bar. It is also equipped with a foam tank (1000 lit.). This vehicle is capable of fighting massive fires in ports and large fuel tanks. It is equivalent to 2 medium sized trucks relying on water from the ports. It is built on the American GMC chassis. It is designed according to the American NFPA standards.

- Power up to 235 HP\ Gazoline
- Extra cooling for the radiator from the fire fighting pump.
- Chassis capacity up to 15000 lbs.
- 4X2 or 4X4 single cab.
- Lowest acceleration relative to comparable vehicles.
- Single or double cabin (optional).
- Upper manhole for filling and inspection.
- A water level indicator with an over flow outlet.
- Foam tank up to 1000 liters
- with a refill hole.
- A level indicator with an over flow outlet.
- Right and left stands wide enough for 4 standing firemen with safety belts.
- A lot of other additional items for first aid, fire fighting and rescue equipment.
- American Hale midship pump 5000 liters at 10 atmospheres.
- The pump is suitable for all types of fresh and brine.
- Priming unit through 24 feet in 30 seconds.
- 11 outlets.
- Inlet with required type and diameter.
- Foam around the pump RTP from 1% to 10%.
- Pump protection from speed pressure and heat (optional).
- 2 hose reels 30 m. ¾” for primary insertion.
- Water and foam monitor discharge up to 1650 l/min., distance up to 50 m.
- Cabinets with sliding doors on the vehicle sides.
- Lighting around the vehicle, the pump and the control panel.
- Sound and light alarm and a siren.

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The Pump: a product of Hale-Godiva. The pump has a discharge capacity of 5000 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 pumping water from a depth of 24' in 30 sec. The unit requires low maintenance, easy to assemble and maintain.
- **Foam tank:** capacity up to 1000 liters of concentrated foam, the tank is made out of stainless steel, also 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 and the tank is refilled using either a manual or electrical pump (optional).
- **Reels:** 2 reels of diameter ¾" or 1". Length of the hose is 30 meters (or upon demand), located on the sides of the pump. The reels are complete and fully equipped with the variable ejector (perpendicular, foggy, spray, foam).
- **Cabinets:** made out of galvanized steel, similar on the sides of the vehicle, they are equipped with hinged doors or aluminum sliding doors (optional), 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 2650 lit\min at 10 bar, foam discharge rate up to 800 lit\min at 5 to 7 bar. The water monitor can move horizontally 360^{o} , vertically from -40^{o} to $+90^{o}$, the discharge rate can be controlled via a speed regulator located in the cabin either manually or electrically (optional).
- **Operation and control panel:** equipped with all the inlet and outlet pressure meters, 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 saren, a full loud speaker with the horn and microphone.
- **Lights:** lights located on the sides of the vehicle, pump, control panel, front and rear of the vehicle.
- **Extra cooling system:** extra cooling for the radiator using 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.
- **Adjustments and upgrades:** these are done according to the circumstances and the customer requirements according to the international standard specifications.
- The details of the number and diameters of the outlets and inlets, tank capacities, water monitor, reels and appendages are according to customer specifications and the offer included with the catalogue.

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