

The Multi-Purpose Heavy Fire Fighting Truck can be used for various types of fires. The truck is equipped with a fire pump, water, foam and dry powder tanks, a water monitor, hose reels and cabinets on the sides. The truck is suitable for working in ports, residential, industrial areas, airports, gas and power stations. The truck can be mounted on Volvo, Mercedes, International and Kamaz chassis.

- Power up to 400 HP diesel.
- Extra cooling for the radiator from the fire fighting pump.
- Chassis capacity up to 24 tons.
- Chassis 6X4 water-cooled.
- Single or double cab.
- Water tank up to 10 m³ made of galvanized steel or stainless steel (optional).
- Upper manhole for filling and inspection.
- Water wave inhibitors to break the inertia forces on applying the brakes or severe turning.
- Water tank cover can be fully opened.
- A water level indicator with an over flow outlet.
- Foam tank 1 m³ capacity with a refill hole made of stainless steel.
- Dry Powder tank up to 2 tons complete with nitrogen cylinders and safety valves as well as reels with powder nozzles and control panel.
- A level indicator with an over flow outlet.
- Sound and light alarm and a siren.
- Powder monitor (optional).
- Lowest possible dimensions for the vehicle.
- American rear Hale pump with different capacities depending on customer's requirements.
- American Hale pump up to 6000 lit/min at 10 bar.
- The pump is suitable for all types of fresh and salt water.
- Priming unit from 24 feet in 30 seconds.
- 4 outlets; 2.5 "
- Inlets depending on customer's requirements.
- Pump protection from speed pressure and heat (optional).
- 2 hose reels 30 m. ¾" or 1" for primary insertion.
- Foam around the pump RTP from 1% to 10%.
- Water and foam monitor discharge up to 2000 lit/min., distance up to 80 m.
- Cabinets with aluminum sliding doors on the vehicle sides.
- A lot of other additional items for first aid, fire fighting and rescue equipment.
- Lighting around the vehicle, the pump and the control panel.
- Foam and powder tanks' capacities according to customer's needs.

The Pump: a product of Hale-Godiva. The pump has a discharge capacity of 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 diameters are 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 water wave inhibitors 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 (optional). 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 1 m³ of concentrated foam, built 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 powder monitor. The control panel is complete with the gauges, pressure dials, powder gun 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 reels are complete and fully equipped with the variable nozzle (perpendicular, foggy, spray, foam).

- **Cabinets:** identical galvanized steel cabinets on the sides of the vehicle, equipped with sliding doors, 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 2000 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, front and rear 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 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.

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