

Fire Truck – 1 to 2 man setup



Cabin equipment:

- ◀ Reserve protective clothing
- Large Fire First Aid Kit
- Maps & mobile communication UHF radio handsets
- Water, dry-food and chocolate.
- Vehicle fire extinguisher (powder)
- Multi 12V & USB outlet

On board equipment

- ◀ Priming bucket on rope line, suction hose float.
- Tools & pump spares for repairs (wire cutters)
- Chainsaw, shovel, axe, tow cable & "D" Shackles, reserve fuel for pumps & chainsaw, flashing light & extra LED work lighting, heat shield for hose operator. Diverse connections, fittings & seals

Hoses

- Hose operator – \varnothing 19mm x 10 meters
 - Cabin hose, \varnothing 19mm fixed with ball valve and nozzle control operated from the cabin.
 - Rear hose \varnothing 19mm x 40 meters for mopping up.
 - Two \varnothing 38mm x 30 meters woven hoses are to be connected to the main \varnothing 38mm outlet for maximum pressure and water volume. The majority of the connections are Storz fittings to enable interchangeability with the RFS units.
 - Safety "blanket" spray system is installed (pink piping), 2 forward over cabin, one at hose operator and one rotating under the truck as well as a driver-operated low forward spray to wet the forward path.
 - Spare hoses & connections are carried to enable reversed operations with each pump in case of a breakdown.
- Pumps and tanks are secured to truck tray
Heat-shields fitted for hose operator
Water capacity = 1500 liters



Hose operator station with heat shields ▲ and access to the blanket spray valve



▲ LED work lights (2 forward & one extendable for the rear)
Cabin operated hose with high flow multiple nozzles, Blanket spray system (pink piping)



Rotating belly spray

Pressure Pump - 3 outlets- cabin, top hose & blanket spray*

*Also used for the 40 meter rear hose and the two woven 38mm hoses. ►



◀ Accessories and instructions for operator. A filtered system is installed to ensure clean water to the finer blanket spray nozzles.

Cabin hose nozzle flows are for the $\varnothing 10\text{mm}$ = 78 liters/min & $\varnothing 8\text{mm}$ insert = 66 Liters/min, Max on multi-nozzle hose ($\varnothing 8\text{mm}$) = 57L/min
High flow nozzle ($\varnothing 10\text{mm}$) = 72L/min, Lower front path spray = 57L/min
Blanket spray system = 290L/min

Water conservation is vital!

With the multi-nozzle at maximum ($\varnothing 8\text{mm}$) and the cabin spray on $\varnothing 8\text{mm}$, operating continuously, the 1500 liters would last 12 Minutes.
With cabin spray alone ($\varnothing 8\text{mm}$ & $\varnothing 10\text{mm}$) the 1500 liters would last only 23 min & 19 minutes respectfully. Blanket spray alone 16 minutes.



Quick-fill pump – used to transfer water from the forward tank to the rear tank as well as filling the complete unit in 5 minutes.