

Airport Water tank vehicle



Vehicle : SISU, 10x10

Body: WISS

GRP superstructure

GRP water tank, capacity: 25000 L+ 5000 L

Pump Ruberg, capacity: low pressure 10 bar, capacity 6,000 l/min + high grade 40 bar and 500 l/min

Roof monitor, capacity: 5000 l/min

Two Light masts with LED lighting

Basic signalization and lighting for firefighting vehicle

- Ease of use

10x10 vehicle can be easily driven in airfield environment. For the driver the dimensions of 10x10 vehicle are easy to familiarize as driver sees the entire vehicle from rear mirrors while turning / cornering. Driver of truck+trailer combination can't see the trailer tail end in all cornering situations.

- Stability

Single vehicle is more stable in fast cornering compared to truck + trailer combination. With combination the trailer can push the truck in fast manoeuvring resulting loss of friction in truck wheels and possible spinning or even vehicle flipping over.

- Cross-country driveability

Truck + trailer combination has low off-road capability as only truck has tractive wheels. In contrast in all-wheel drive vehicle all axles are driven and the mass of water and other equipment is evenly divided to all axles to maximize tractive ability. Maneuverability of all-wheel drive vehicle in terrain and all other slippery or icy surfaces is superior.