



Firefighting Truck, Airfield, Foam, 8 Ton, 6 x 6, Mk 11, Scammell Super Major

PURPOSE:

- The vehicle is designed for rescue operations on crashed aircraft and for domestic fire fighting duties. The vehicle has both road and cross country capabilities

ENGINE:

- Cummins VTA 903, 500 (bhp), V8 turbo-charged after-cooler unit, fitted with a heat exchanger

CAPACITIES:

- Fuel - 211 litres
- Coolant - 86 litres
- Oil (engine) - 35 litres
- Water tank - 5770 litres
- Foam tank - 685 litres

ELECTRICAL SYSTEMS:

- 2 separate electrical circuits are used. A 24V DC circuit is used for chassis lighting and auxiliaries. A 220/240V 50 cycle AC circuit for the mains operated equipment, which is used to keep the vehicle prepared for immediate response

BRAKES:

- **Foot** - Pneumatic, operating on all wheels
- **Hand** - Pneumatic, operating via spring brake actuators

WHEELS & TYRES:

- 3 piece type disc wheels fitted with 15.5/80 R20 Michelin Pilote XL tyres

TOWING CONNECTIONS:

Front and rear towing eyes are fitted. Primary function is for chain attachment for removal of crash debris. The front towing eyes are only to be used for recovery purposes only

CAB:

- The cab is a dual purpose, housing automotive and specialist controls. Access to the roof mounted monitor is via a sliding rear door

BODY:

- The vehicle body comprises of glass fibre pre-formed removable body panels, embodying lockers for stowage of CES equipment and loose items. Incorporating in the rear roof cover are 2 hinged engine access panels. Clamped to the roof is a portable ladder

EQUIPMENT:

- The fire fighting equipment includes a 5770 litre water tank and a 685 foam tank, a Godiva Mk 14 water pump complete with water ring primer. Provisions are made for foam to be dispersed through hand lines and/or foam monitor

DIMENSIONS:

- Overall length (including monitor) - 10.56m
- Overall width - 2.5m
- Overall height (top of monitor - unladen) - 3.28m
- Wheelbase - 4.75m
- Track (front) - 2.10m
- Track (rear) - 2.06m
- Tilt test laden - 30 deg
- Turning circle - 26m
- Wading depth - 0.5m