

HOOKLIFT FOAM TENDER

Firefighting and Emergency Vehicle



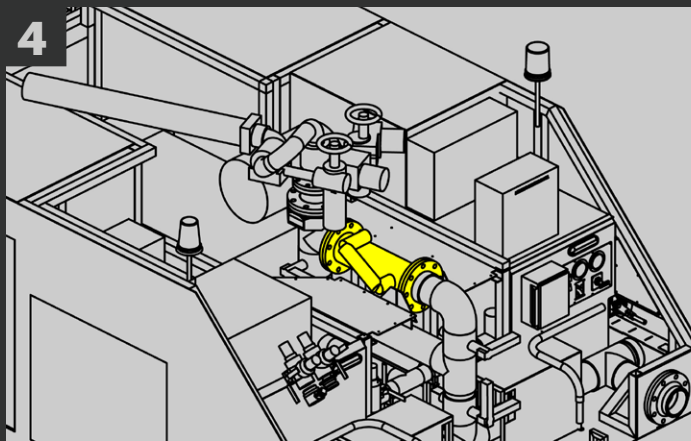
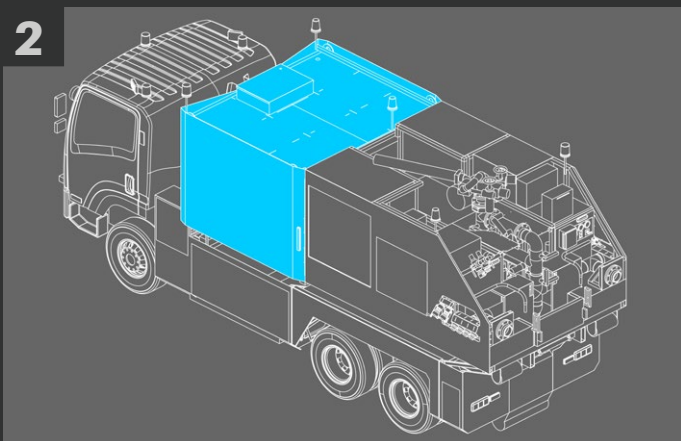
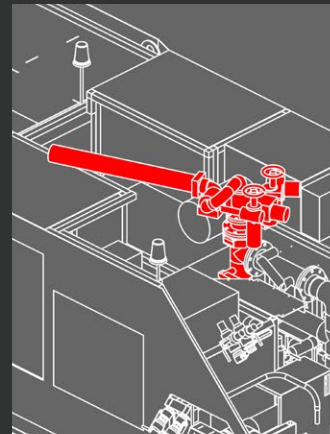
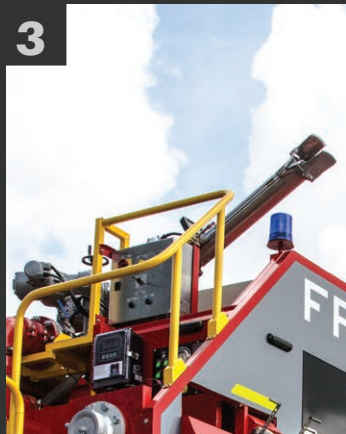


HOOKLIFT FOAM TENDER

The Hooklift Foam Tender is a crucial firefighting support vehicle designed to work in tandem with other firefighting vehicles in large fire incidents. Carrying a large hooklift pod containing firefighting foam concentrate and an engine driven fire pump, it is able to take on industrial fuel fires effectively.

Despite its size, the Hooklift Foam Tender is able to manoeuvre in narrow spaces, such as within the service roads of a fuel farm to reach the burning fuel storage tank. Versatility can also be exercised for the vehicle to set down the foam tender pod when it is empty and return with another filled foam pod picked up from a nearby station. By attaching water supply lines to the foam pod, the water pump will discharge water and foam out its large flow monitor.





1 Fire pump

The single stage, centrifugal fire pump is driven by a diesel engine and flows 6,000 litres per minute (LPM) of water at 10 bar, enabling the monitor to achieve a range of 80 metres.

2 Foam tank

The steel foam tank is able to hold up to 8,000 litres of foam. The whole foam pod module can also be set down on the ground and serve as a distribution point for foam concentrate to other vehicles.

3 Monitor

The large flow monitor, rated to flow 6000 LPM, is electronically controlled with a mechanical hand wheel override. It is coupled to an aspirating foam branch pipe that produces a consistent foam product to put out fires effectively.

4 Foam inductor

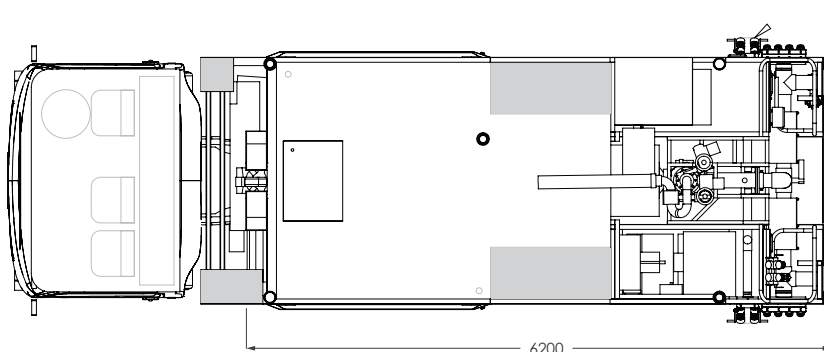
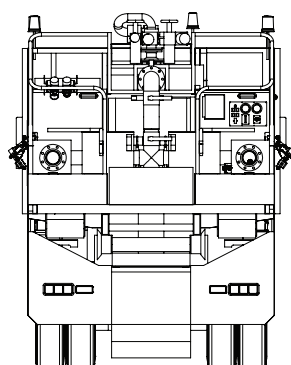
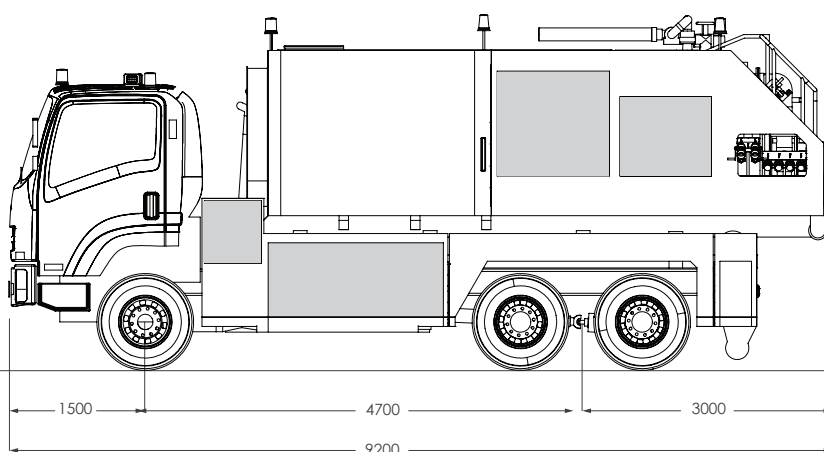
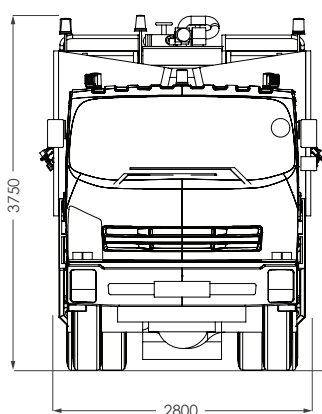
The inline inductor draws up foam concentrate and introduces it into the water stream. The amount of foam mix can be varied between 0 to 6%.

Specifications

Seating capacity	3 persons (including driver)
Dimensions (L x W x H)	9,200 x 2,800 x 3,750 mm
Gross weight	28,000 kg (as per chassis OEM specifications)
Unladen weight	17,420 kg
Chassis	Isuzu F-series (FXZ77Q 6x4)
Engine type	Isuzu 6Z1E5CC (6UZ1-TC-6 inline) OHC inter-cooled turbo charger, EGR, common rail, electronic control injectors
Emission standard	Euro 5
Transmission	Allison automatic transmission 4430
Minimum turning radius	8.3 m
Steering	Power assisted ball nut
Front/ rear brakes	Drum/ drum

Feature customisation

Storage compartments	Lockers located on both sides of the vehicle and hooklift pod are configurable to user requirements (indicated in grey boxes in the drawings below)
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