

# DECONTAMINATION VEHICLE

Emergency Vehicle







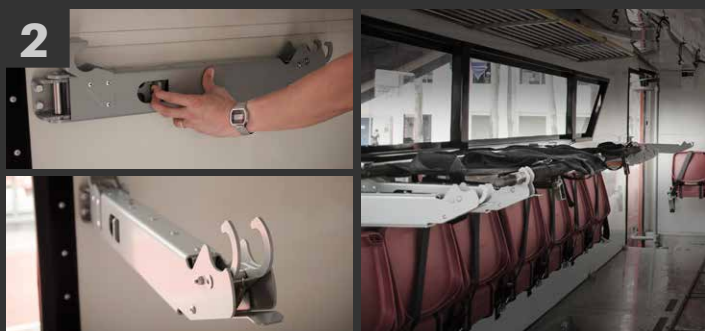
## DECONTAMINATION VEHICLE

The Decontamination Vehicle is a special purpose vehicle equipped to bring a large-scale Hazmat incident under control within a short period of time. It can perform continuous decontamination for a large number of victims who are able to use the self-help electronic decontamination shower stalls to clean themselves. External lying decontamination showers allow responders to help injured victims.

Additionally, the Decontamination Vehicle is capable of transporting a troop of responders or up to 12 casualties on stretchers to enhance operational effectiveness.







### 1 Mass decontamination

Eight interior shower stalls are deployed during decontamination mode for victims of a Hazmat incident. Each shower stall includes a user interface box that provides easy to understand instructions via pictorial depictions to users. Responders assist injured victims with four exterior lying decontamination showers. Contaminated run off is pumped out of the vehicle into two berm bags that can contain 3,000 litres of liquid each.

### 2 Casualties transporter

The vehicle is capable of transporting up to 12 casualties through a dual deck system. Stretchers on the lower deck are locked down in place by brackets while the ones on the upper deck are secured in place by foldable litter arms at waist height.

### 3 Troops carrier

With 24 flip down seats in the rear cabin and three more seats in the driver cabin, the MDV can carry 27 responders to an incident site.

### 4 Hazard elimination

The ozone machine located in the rear cabin eliminates bio hazards after a decontamination operations exercise.

### 5 Generator set

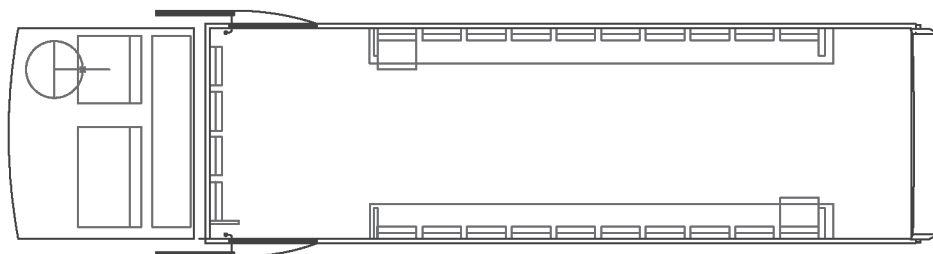
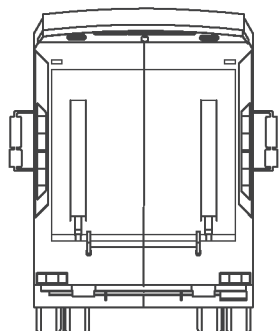
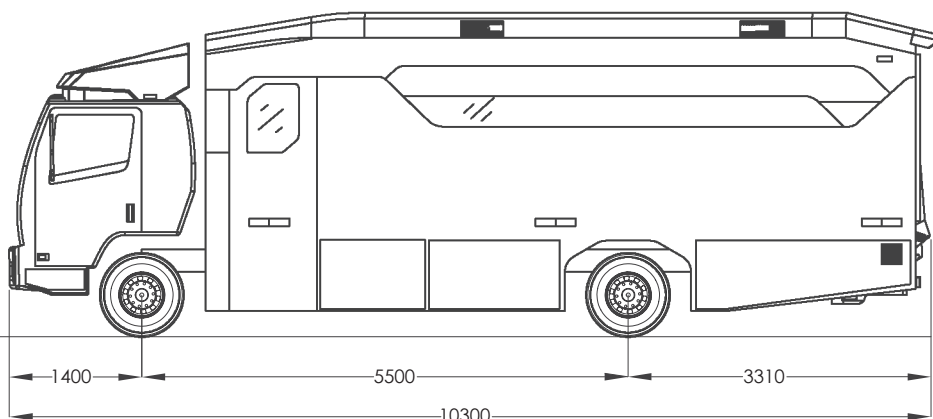
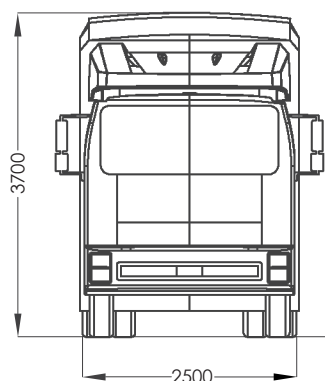
The two super silent generators provide 8 kilowatts of power each. They run on diesel off the vehicle's fuel tank and hence, only a single point of diesel top up is needed.

## Specifications

<b>Seating capacity</b>	27 persons during troops carrier mode (including driver)
<b>Dimensions (L x W x H)</b>	10,300 x 2,500 x 3,700 mm
<b>Gross weight</b>	16,000 kg (as per chassis OEM specifications)
<b>Unladen weight</b>	11,000 kg
<b>Chassis</b>	Isuzu F-series (FVR34SUQD-C)
<b>Engine type</b>	Isuzu 6HK1E5NC 4 Cycle, in-line SOHC, fuel rail electronic controlled injection, diesel oxidation catalyst
<b>Emission standard</b>	Euro 5
<b>Transmission</b>	Smoother (automated manual transmission)
<b>Minimum turning radius</b>	9.7 m
<b>Steering</b>	Recirculating ball nut type with integral power assisted
<b>Front/ rear brakes</b>	Front and rear drum brakes

## Feature customisation

<b>Decontamination showers</b>	Electronically controlled decontamination shower stalls x 8
<b>Decontamination bed</b>	External lying decontamination trays x 4
<b>Water pump</b>	Water booster pump, 1,000 GPM @ 3 bar
<b>Drainage pump</b>	Suction drainage pump, 560 GPM @ 7 m lift
<b>Generator</b>	8 kW super silent generator x 2
<b>Tents/ shelters</b>	Dual 2.5 m extended awning shelters
<b>Run-off containment</b>	3,000 L berm bag x 2



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