

EQUINOX

Emergency Vehicle
| Mobile Lighting Unit |





EQUINOX

Equinox is designed to be a multi-functional mobile lighting unit customised for use in incident environments where lighting conditions are poor. Its powerful illumination helps to facilitate rescue operations as well as act as a gathering point for victims.

The vehicle comes with ample storage space to fit a wide array of rescue equipment, enabling responders to carry out their mission effectively.





1 Light mast

The extendable light mast is powered by LED lighting technology, with instant strike up time that generates 336,000 lumens. The numerous LED light drivers ensures light output is not compromised even when a few light drivers are not working.

2 Passenger Emergency Message System

With the vehicle being a bright light source, it also functions as a gathering point for victims in the event of an accident. A three-prong approach in the form of a motorised flip up board displaying arrows, a scrolling text board and an audio system gives clear instructions to incident victims to head towards Equinox. All these visual and audio messages are configured to work at a distance of 100 metres.

3 Customisable equipment storage

The rear cabin functions as an equipment storage compartment and is easily customised to fit required rescue equipment. Configurable space can fit equipment such as foldable stretchers, a decontamination tent, foldable dinghy and an auxiliary power source.

4 Generator set

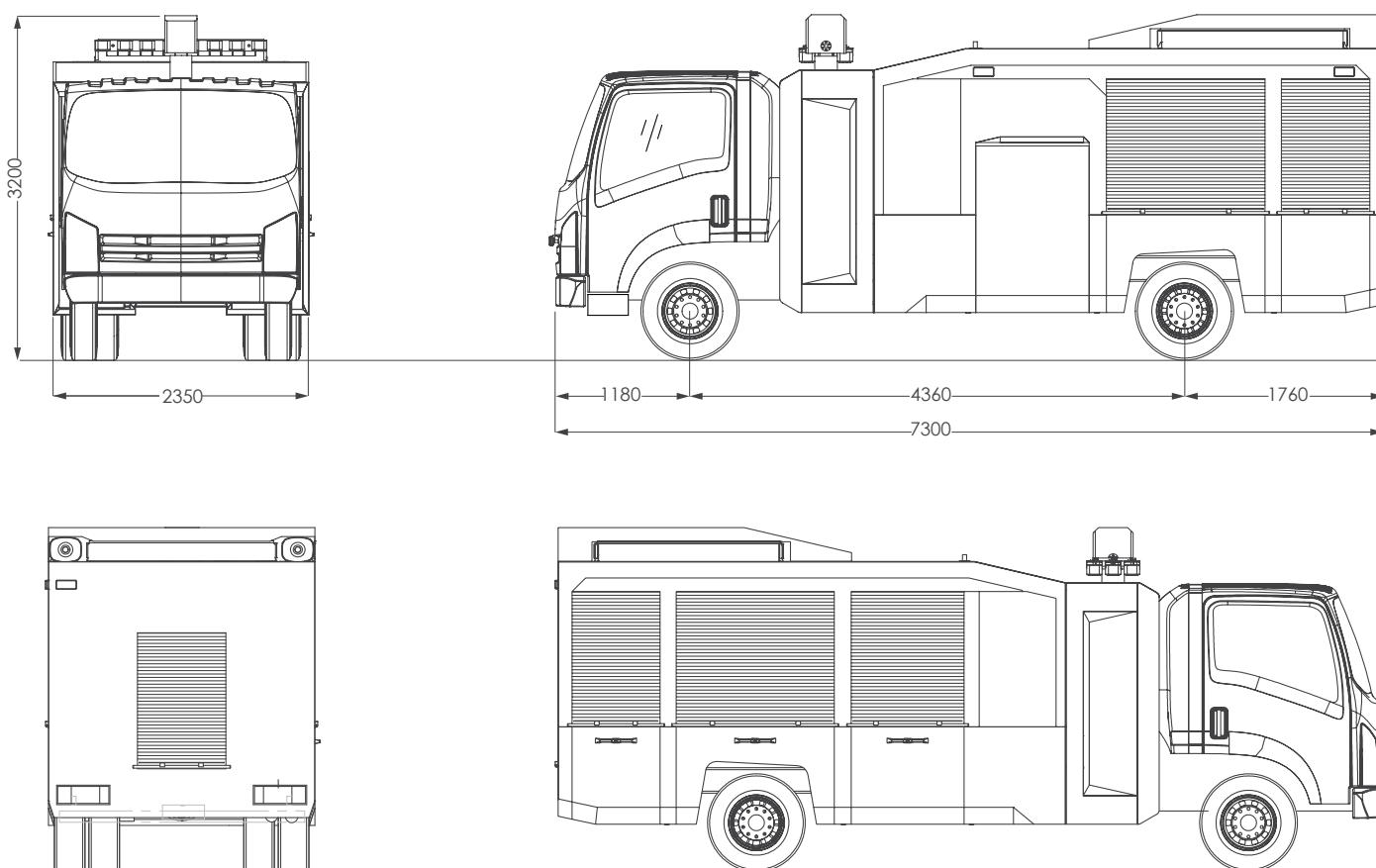
A 14 kVA super silent generator with automated fuel filling system - 61.7 decibels at full load measured from 7 metres - provides all the AC power needed. It powers the lights as well as other auxiliary equipment and tools that can run off the power points located around the emergency response vehicle. The generator has also been plumbed to receive diesel from the vehicle main fuel tank such that the user only needs to top up the diesel in the vehicle fuel tank.

Specifications

Seating capacity	3 persons (including driver)
Dimensions (L x W x H)	7,300 x 2,350 x 3,200 mm
Gross weight	11,900 kg (as per chassis OEM specifications)
Unladen weight	6,000 kg
Chassis	Isuzu F-series (FSR34SUQC-C)
Engine type	Isuzu 6HK1E5NC 4 Cycle, in-line SOHC, fuel rail electronic controlled injection, diesel oxidation catalyst
Emission standard	Euro 5
Transmission	Allison fully automatic S3000
Minimum turning radius	7.0 m
Steering	Recirculating ball nut type with integral power assisted
Front/ rear brakes	Front and rear drum brakes

Feature customisation

Storage compartments	Customised to fit required equipment
Light output	Increments of 28,000 lumens
LED message/ display board	Customised text or symbols



TRIGEN Automotive
(a division of HOPE Technik)

6 Penjuru Close Singapore 608614
T (65) 6877 0193 | F (65) 6877 0693
E sales@trigenautomotive.com
trigenautomotive.com

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