

SPECIFICATIONS:

Dimensions

Size (May vary with custom configurations)
26'-6" length x 8'-0" width x 11'-5" height
(8.07m x 2.48m x 3.47m)
Designed for OTR lowboy transport (13'-6"
USDOT clearance).

Weight

Approx. 8,400lb dry weight (3,810.17kg)

Structure

12,000 lb (5,443.10kg) rated capacity tandem "EZ Lube" axles.
Continuous 8" (20.32cm) wide flange main frame with 4" (10.16cm) structural channel floor deck.
Breakaway emergency brake on front axle.
5,000lb (2267.96kg) drop leg jack in tongue. "D" rings mounted to rear of trailer frame to aid with maneuvering vehicle in place. Removable drop leg stabilizing jacks at each corner of unit. Removable "D" ring hooks at each corner of unit frame to provide lifting support for gantry crane or air-lift. Adjustable pintle eye and drop forged coupler to provide access to multiple towing vehicles.

Tires

Heavy duty load range "G" LT235/85R16 sidewall reinforced "all terrain" tires on 8 lug 16" (40.64cm) welded steel rims.

Storage & Work space

12' (3.65m) of 24" (6.09cm) deep counter top work surface with 60cf (18.28m³) of cabinet storage. Cabinets and counter tops covered and sealed with heavy duty composite laminate.

Power

50hz or 60hz, 120/240v, 6kw, 3 cylinder diesel generator with low voltage power protection system keeping enough battery voltage in storage for genset startup. On-board fuel capacity of 12gal (45.43l) with fuel supply monitor gauge.

Water

On-board 60gal (227.17l) fresh potable water supply (2-30gal tanks (113.58l)) with thermostatically controlled hot water heater.

Transport

Low tongue weight allows for easy transport via a half-ton truck (4x4 truck for transport with full water tank). Standard 2 5/16" industrial hitch. Tongue is detachable for transport and security. Secure freight and air-lift transport hooks provided for ocean and air transport. Spare tire and change tool kit, transport hooks, leveling sanctions, roll lift and chocks conveniently stored in large, lock-able heavy gauge steel storage box located on trailer tongue.

(Helicopter transport photo is representative only.)

MOBILE RESPONSE UNIT

Disasters. Epidemics. Remote locations. Refugee Camps.

Any environment. Any situation. Any time.

KEY FEATURES:

- **Durability:** Traditional mobile response vehicles are simply retro-fit road trailers and not suited for travel on rough roads or in areas where roads are non-existent or destroyed. The GUARDIAN Tow-able trailer vehicle" (T²V) Mobile Response Unit is designed to withstand difficult transport conditions being constructed to military specifications. With optional supports, the T²V can be air lifted to areas inaccessible by conventional ground vehicles. Once positioned the T²V can be leveled, grounded and secured providing a safe, self-sufficient tactical operations unit.
- **Electricity:** Power is supplied by a 50/60hz heavy duty 3 cylinder diesel generator providing dual 120/240VAC with 12VDC emergency lighting and back-up battery charging. A low voltage automatic safety cut-off provides enough battery power to crank the genset. Depending on location and use the unit can be configured with local electrical supply outlets, switching devices along with and optional pure sine wave voltage converter for sensitive electronic equipment. Optional alternative generative power systems such as solar and wind devices can easily be added to the T²V where fossil fuel is difficult to secure.
- **Water:** The standard configuration includes two interconnected tanks (total capacity 60gal) for potable water. An on-board water heater maintains thermostatically controlled water temperatures during use. In situations where a reliable and safe water source is unavailable the T²V can be outfitted with an on-board water filtration system supplying up to 250gal of potable water a day using low voltage power.
- **Comfort:** The T²V is constructed with "Structural Insulated Panel" technology providing a superior level of comfort and built-in cooling and heating efficiency for lower overall operational costs saving on generative fuel supply. The T²V air handling system maintains indoor air quality supplying filtered positive air flow throughout the entire cabin area.
- **Customization:** The T²V can be customized to meet a variety of medical, humanitarian and remote access needs such as: Dental clinic; Veterinarian hospital; Food service and concession; Communication or Command center; EOD, EMS, HAZMAT or DECON unit; Incident response center; Medical, Imaging or Pathology laboratory; Tactical Command and Control forward position. There are multiple interior and exterior modifications that can provide specialized use for virtually any rapid response remote access environment.



US and International Patents Pending