

Logistics Vehicle Modernization Ground Fuel Container



The LVM Heavy Ground Container is a self-contained fuel transport and dispensing system for diesel fuel. The Container consists of two main elements: a stainless-steel storage tank and a mechanical section with a diesel engine driven pumping system. These two elements are mounted in a 20' ISO container frame.

The frame includes a recessed hook bar to allow the container to be loaded/offloaded to the LVM Heavy Vehicle by a container handling unit or hook lift.

A retractable working platform with stairs enables an operator to access the controls from the ground when the Container is mounted on the LVM heavy vehicle enabling use on the ground or while mounted.

A retractable ladder is provided for access to the top of the container. A walkway with handrails allows operators to access the tank top hatch for top filling and level measurement.

In addition to meeting the common requirements of LVM containers, the Ground Fuel Container features:

- 20' Container ISO 668 designation 1C to ISO 1496-3
- 10,000 L fuel tank made from stainless steel and certified to CSA-B625
- Self-sealing coating
- Commercial rack loading
- Electronic overfill protection
- Provided with 2 x 50' hose reels capable of being split into up to four nozzles
- Capable of filling 2 x Leopard tanks or up to four (4) support vehicles simultaneously
- Discharge flow of 600L/min
- Provided with removable cover to simulate a standard ISO unit



Logistics Vehicle Modernization Ground Fuel Container



All fuel containers manufactured for the LVM program will meet the following common requirements:

- 15,000 KG max gross weight
- LHS compatible with recessed hook arm
- Used in mounted or dismounted role
- Self-powered using diesel engine
- Operate with commercial diesel fuel ULSD and NATO common fuel F-34/JP-8
- 28 VDC electrical system
- Functional between -40 C and +45 C
- Configured to accommodate the full range of 5th percentile female to 95th percentile male of the CF, to operate, maintain or service
- Rated for highway, off-road, rail, air and sea transport
- 20-year minimum life expectancy
- Painted flat green 383 Camo colour