

VMDS™

Vehicle Modular Decontamination System



VMDS (Vehicle Modular Decontamination System) mounted on M1083

The VMDS is a developmental high mobility decontamination system designed for use on multiple light to heavy vehicle platforms, with the mission of providing large scale terrain and hardened military equipment decontamination. This versatile system can deploy legacy, current and near-future decontamination solutions such as STB, HTH, GPD and EasyDECON® DF200. Mounted on co-poly skid units, each modular unit is easily moved and mounted for fast and effective mission response.

The VMDS Power Module incorporates a diesel engine and compressor for reliable and capable functionality, requires little maintenance and is easy to operate. Customizable liquid storage tanks range in size from 100 to 1000 gallons and stainless steel plumbing and fixtures assure compatibility with the most corrosive decontamination solutions.

The VMDS has additional plug-and-play options such as a remote controlled monitor, front and rear spray bars, a variety of nozzles and multiple hose configurations available. It maximizes decontaminant solution and water carrying capacity, and hence provides improved coverage before having to reload.



 **INTELAGARD®**

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VMDS™

Vehicle Modular Decontamination System

STANDARD SPECIFICATIONS*

Power Module Dimensions (L x W x H): ~ 48 in. x 27.5 in. x 38.25 in.

Operating Pressure: ~100 psi

Fuel Consumption: ~1.1 gph

Tank Liquid Capacity: 100 gal - 1000 gal.

Expansion: 1:1 to ~10:1

Projection Distance: Up to ~ 90 ft. **

Power Unit Weight Dry: ~985 lb.

Power Unit Weight Full: ~1000 lb.

Hose: 2 ea. 100 ft x 1.5 in flat lay w/EZLink connectors at each end; 20 ft. x 1 in. draft hose w/ stainless steel basket

Standard Bail/Nozzles: 1.5 in. NST(NH) Bale with 3/8 in.; 1/2 in.; 5/16 in. (optional) Smoothbore Nozzles & adjustable Fog Nozzle



FEATURES

3 ea. 1.5 in. line discharge

3 ea. 1 in. line discharge

Zero prime drafting with up to ~20 ft. vertical lift

Diesel Engine: 24.8 hp @ 3600 rpm

Compressor CFM ~95, 100 psi

Dial Adjustable Foam Proportioning: wet/dry

System modules mounted on durable polypropylene skid platforms

Baffled tanks reduces liquid movement & load shift

OPTIONS

Macaw® Backpack(s) / mounts

Foam Monitor: remote control, 360° operation

Monitor camera to track spray location

Spray bar(s) for ground decontamination

SwiftCAF® precision decontamination add-on kit

Binary tanks to accommodate multipart formulas

Various hose and reel configurations

Customizable flat lay fire hose and containment compartments

Extensive nozzle selection

Foam formulas



* Specifications may vary dependent upon options

**Depending on decontaminant, hose and nozzle used