

MLVD

Modular Large Vehicle Disruptor

The Modular Large Vehicle Disruptor (MLVD)[™] is a powerful, modular water disruptor for use against LVBIEDs, trusted by operators globally.

Using patented technology, MLVD projects a high-pressure stream of water.

This stream is strong enough to penetrate a vehicle, sever connections, and expel its contents - typically located in a vehicle's load-carrying area - without causing detonation. Its modularity supports various deployment options, allowing you to adapt to different scenarios. Operators can modify the explosive load to suit the target's size and type.

Highly renowned LVBIED Defeat System used worldwide

Modular design allows for swift reconfiguration to match the target IED

Low NEQ with a powerfully accurate result

Load with det cord or sheet explosive - max 720g NEQ per module



Performance

MLVD is available in packs of three and can be fired as a single unit or in multiples to cover either specific areas or an entire cargo hold.

As the largest of the Alford Mod charges, MLVD uses patented technology to produce a shaped charge using sheet explosive or detonating cord as the explosive charge and water as the projectile. The charge projects water jets horizontally with such force that it penetrates the vehicle's side, disrupts the bomb, and ejects it through the opposite side. It is usual for the entire compartment to be explosively opened, giving a clear view of the vehicle's cargo area and separated IED components, all without initiating the device.

Modules comprise two containers: a tamper and a projectile, which are fitted together and allow separate modules to be joined side-by-side or end-to-end according to the shape and size of the particular target.

A deployment stand is available to assist with the MLVD's deployment, ensuring your safety and ease of use. Each module weighs up to 5.5 kg and has a NEQ of up to 720g when fully loaded.

Specifications

Single module

- Dimensions: 160 x 135 x 100 mm
- Weight loaded: 5.5kg
- Water capacity: 4 litres
- Volume of projected water: 40ml
- NEQ: 0.145Kg - 0.72kg

Three module array

- Dimensions: 570 x 150 x 120 mm
- Weight loaded: 16.5kg
- Water capacity: 12 litres
- Volume of projected water: 40ml
- NEQ: 0.435Kg - 2.16g



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