



Modular Large Vehicle Disruptor™ (MLVD)

The Modular Large Vehicle Disruptor (MLVD)™ is a water projecting IED disruptor for use against Large Vehicle-Borne Improvised Explosive Devices (LVBIED). The MLVD™ is used to disrupt and extract the components of a large IED from the load-carrying area of a Cargo Vehicle.

It 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 'Mod' charges, the MLVD™ uses patented technology to produce a shaped charge using sheet explosive or detonating cord as the explosive charge and water as the projectile.

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. MLVD™ is used by Bomb Disposal Operators all over the world.

Features include:

- > 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

Explosive Effect

As a LVBIED defeat tool, when actuated the MLVD™ projects water jets horizontally with such force that the side of the vehicle is penetrated and the bomb is disrupted and ejected through the opposite side. It is usual for the entire compartment to be explosively opened giving a clear view of the vehicle cargo area and separated IED components all without initiating the device.

Applications

MLVD™ can be loaded with detonating cord or sheet explosive depending upon the desired explosive effect. The charges can be used not only for LVBIED disruption but also for breaching doors and walls.

Delivery to Target

MLVD™ can be deployed to the target by means of the MLVD™ Deployment Stand. The Stand can be pushed by a remotely operated vehicle (ROV) to the target and positioned in one movement. The ROV can then be removed to a safe location before firing to preserve it for further use.

For further information

Contact sales@explosives.net, telephone +44(0)1249 65 1111 or speak to your authorised Alford representative.

Specifications

Size	570 x 150 x 120mm (22.4 x 5.9 x 4.7in)
Weight Full	5.5kg (12lb)
Total Water Content	4 litres (1 gallon)

Array of 3 modules	160 x 135 x 100mm (6 x 5 x 4in)
Size	570 x 450 x 120mm (22.4 x 17.7 x 4.7in)
Weight Full	16.5kg (36lb)
Total Water Content	12 litre (3 gallon)

Explosive Loads	Min.	Max.
1 module	145g (0.32lb)	720g (1.5lb)
2 modules	290g (0.64lb)	1.44kg (3.0lb)
3 modules	435g (0.96lb)	2.16kg (4.5lb)



Before and After Firing



Other products to consider:

BootBanger™ – for vehicle boot/trunk IED disruption

MajorMod™ – for medium sized disruption



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