



Modular Large Vehicle Disruptor™ (MLVD)

The Modular Large Vehicle Disruptor (MLVD)™ is a water projecting disruptor for use against Vehicle-Borne Improvised Explosive Devices (VBIED). The MLVD™ is a user-filled modular system which can be used in various configurations dependent upon the size of the target. As the largest of the 'Mod' charges, the MLVD™ uses the same patented technology to produce a shaped charge using sheet explosive or detonating cord as the propellant and water as the projectile material.

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 VBIED System, used worldwide
- > Modular design allows for swift reconfiguration
- > Low NEQ with a powerfully accurate result

Explosive Effect

As a VBIED disruption tool, when actuated the MLVD™ projects water jets horizontally with such force that the side of the vehicle is penetrated and the bomb is ejected through the opposite side. It is usual for the entire compartment which is attacked to burst open giving a clear view of the vehicle bed and of any remaining debris and without initiating the device.

Applications

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

Delivery to Target

MLVD™ can be addressed 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 initiated in one movement, allowing the robot to return to the Incident Control Point (ICP). The MLVD™ is light enough to be carried by hand to the target, and can be attached to the target using a prop or with Breacher's Tape™ or Hydro Tape™.

For further information

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

Specifications

Size	565 x 150 x 120mm (22.2 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	565 x 450 x 120mm (22.2 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



www.explosives.net
T +44(0)1249 65 1111

E info@explosives.net
F +44(0)1249 65 6444

Alford House, Epsom Square, White Horse Business Park, Trowbridge,
Wiltshire BA14 0XG, United Kingdom



Certificate Number 5172
ISO 9001, ISO 14001, OHSAS 18001