



MajorMod™

MajorMod™ is a medium-weight explosively-driven water disruptor for use against medium-sized Improvised Explosive Devices (IED) or high-density materials such as gas cylinders. A single charge can disrupt up to the size of a 40 gallon drum. Sharing the same geometry as the renowned MLVD™, the MajorMod™ is ideal for mounting onto a small remotely operated vehicle (ROV) or for hand-carrying. When loaded the charge weighs only 4kg (9lb).

Using patented technology, MajorMod™ constitutes a shaped charge using sheet explosive or detonating cord as the propellant and water as the projectile. Each module consists of two containers: a tamper and a projectile which are fitted together sandwiching the explosive charge. End-caps hold the components together. They also have clips to enable multiple modules to be joined to make larger charges.

Features include:

- > Highly modular charges based on patented technology
- > Low NEQ delivering a powerful effect
- > Lightweight tool for medium-sized disruption
- > No logistical export considerations

Explosive Effect

MajorMod™ produces a blade-like jet of water which is capable of striking and destroying the initiation system of a target even if the exact location of the initiation system is not known. For a more accurate – if the exact location of the initiation system is known – use of the Vulcan™ System may be preferable.

Applications

Roadside IEDs: The MajorMod™ is effective at removing the concrete cladding from suspected roadside IEDs at a stand-off. It is also capable of disrupting IEDs in metal cases and penetrating a vehicle door to attack an IED.

Breaching: MajorMod™ can also be used in breaching to inject an irritant such as CS or pepper, so the one charge can both breach a door as well as inject an irritant, making it a very useful charge and obviates the need to carry two tools.

Under-Vehicle Disruption: When used in an array, MajorMod™ can also be used in the same way as BootBanger™ as an under-vehicle disruptor to expel and separate the contents from the boot of a vehicle.

Special Forces (SF)

MajorMod™ can be provided without any branding and produced in a discrete grey colour for Special Forces use.

For further information

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

Specifications

Dimensions	320 x 135 x 100mm (12 x 5 x 4in)
Weight Empty	0.45kg
Weight Full	4kg
Total Water Content	3.5 litres
Volume of projected water	1.4 litres
NEQ Range	230g single layer of SX2 (C3 equivalent) 70g for 10g/m Detonating cord (27 strands)
Part No.	MJ1001
NATO Stock No. (NSN)	1375-99-134-8606



Before and After



MajorMod™

Other products to consider:

MiniMod™ & DemiMod™ – for smaller water projectors

BootBanger™ & MLVD™ – for large IEDs

Breacher's Boot™ & Gatecrasher™ – for breaching tasks



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