

MAJORMOD



Heavy IED Disruptor

MajorMod™ is a highly reliable, powerful, explosively driven water disruptor designed for use against large IEDs or IEDs behind barriers, and at an internal stand-off distance. It's capable of defeating heavy casings and large volumes before causing disruption.

Its patented technology ensures safety by producing a shaped charge with sheet explosive or detonating cord as the propellant and water as the projectile.

It can be mounted on an ROV or carried by an operator and has the same form and geometry as an MLVD™ module, but is half the length, making it a supremely versatile disruption tool.

Highly modular charges based on patented technology

Low NEQ delivers a powerful effect

Capable of defeating Heavy IED casings and large internal volumes

No logistical export considerations



Performance

Using patented technology, MajorMod consists of two containers: a tamper and a projectile, which fit together, sandwiching the explosive load, which can be sheet explosive or detonating cord.

It produces a blade-like jet of water capable of penetrating a heavy case and disrupting an IED contained within a large volume behind it. If the precise location of an IED within a large volume is not known, multiple MajorMods can be joined together and fired simultaneously to cover a larger threat area.

MajorMod can penetrate a vehicle door and disrupt an IED located at a distance within the vehicle. When used in a multiple array, it can be used in the same way as a BootBanger™ to extract and separate IED components from the trunk/boot of a vehicle.

Specifications

- Dimensions: 320 x 135 x 100 mm
- Weight empty: 0.45kg
- Weight loaded: 4kg
- Water capacity: 3.5 litres
- Vol. of projected water: 1.4 litres
- NEQ: 230g single layer of SX2 (C3 equivalent); 70g for 10g/m detonating cord (27 strands)



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