

# MINIMOD



## Lightweight IED Disruptor

MiniMod™ is a lightweight, explosively driven water disruptor for use against small to medium-sized IEDs. It shares the patented design of the renowned MLVD™ and DemiMod™, with superior cutting and penetrating capabilities to QMod™ or MajorMod™.

MiniMod provides precise capabilities to disrupt heavy-cased IEDs, TPUs, or firing packs through car windscreens. It weighs less than 1 kg when loaded, making it easily deployable by either ROV or manually. It also serves as an EOD access tool for tasks such as car boot opening, ensuring accurate, controlled operations.

Patented technology based on the same engineering principle as the renowned BootBanger™ & MLVD™

Each charge weighs less than 1kg when loaded

Multiple applications - C-IED/breaching/access

Minimal fragmentation and focused explosive power

# Performance

Each charge is made up of two containers: a tamper and a projectile, which are assembled with an explosive charge sandwiched in between them. End caps hold the two containers tightly together. These end caps also feature grooves that enable multiple charges to be connected side-by-side or end-to-end, allowing for size adjustments according to the target.

MiniMod produces a blade-like water jet, which is wider than a point focal jet. This design increases the likelihood of striking and destroying the initiation system of a target whose location is not precisely known.

MiniMod can be deployed using an ROV, carried in the jaws of a robot, and positioned as needed. Alternatively, the charge can be placed by hand and attached to the target using Breacher's Tape™ or Hydro Tape™, depending on the surface type. MiniMod can also be deployed on a Rover Stand™, which stabilises the charge on four legs and allows it to be rotated for precise direction toward the target.

# Specifications

- Dimensions: 300 x 85 x 60 mm
- Weight empty: 0.18kg
- Weight loaded: 0.8kg
- Water capacity: 0.65 litres
- Vol. of projected water: 0.2 litres
- NEQ: 50g single layer of SX2 9g for 10g/m detcord (three strands)

The explosive load is variable, but a typical load using 10g/m detonating cord as the propellant is 20g and using 2mm sheet explosive is 40g. US Patent 6,584,908 and others.



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