



BootBanger™

The BootBanger™ is an innovative water disruptor used against Vehicle-Borne Improvised Explosive Devices (VBIED) for ejecting IEDs from the load carrying area of a vehicle. It consists of two containers; a tamper and a projectile, which are fitted together sandwiching the explosive charge. Renowned for its precision, the BootBanger™ has been refined - through superior explosive geometry - to deliver effective results using a minimum explosive load.

At the equivalent size of a briefcase, BootBanger™ uses a patented technology for producing a shaped-charge effect using sheet explosive or detonating cord as the propellant and water as the projectile. The absence of metal parts minimises the projection of dangerous fragments. The explosive effect is contained by water on all sides this acts to lower the over-pressure and imparts a higher proportion of explosive energy to the jet.

Features include:

- > Highly efficient explosive to water ratio
- > Superior engineering to enhance product accuracy
- > Easy to load & deploy
- > Products are fielded by EOD Technicians & Bomb Teams around the world

Deployment to Target

With a depth of only 110mm, the BootBanger™ can easily be placed under a car even if the car has deflated tyres. Two lugs on each end of the BootBanger™ allow a pair of prongs attached to a remotely-operated vehicle (ROV) to carry the product to the target, deposit it and withdraw leaving the charge in place. A carrying handle on the top edge of the product can be used for manual deployment or can be used as an additional deployment mechanism for the ROV.

Explosive Load & Performance

Explosive used with the BootBanger™ is normally sheet explosive or detonating cord. Using 10g/metre detonating cord, a typical loading might be 250g of explosive. Such a load can be used to remove up to 5 artillery projectiles from the closed boot of a car. The charge may be stored for extended periods pre-loaded and pre-filled for rapid deployment.

Explosive Effect

When the charge is fired, projected water penetrates the floor or sides of the vehicle ejecting and disrupting any devices or components which may have been located in the load carrying area. Water tamping reduces the overpressure and the explosive charge container itself delivers next to zero fragmentation. The geometry of the charge container is such that it focuses the jet effect directly to the target. The water tamping also suppresses the flash of the explosion, enormously reducing the probability of igniting the vehicle fuel tank.

For further information

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

Specifications

Size	460 x 340 x 110mm (18 x 13 x 4in)
Weight Full	16kg (35lb) 13.8 L (3.6 gal.) water
NEQ	250g (8.8 oz) single layer of 10g/m detcord 225g (8 oz)/mm of sheet explosive (C1) 450g (16 oz) C2 700g (24 oz) SX4

Note: Multiple layers of sheet explosive can be used to give much heavier loads if required.



Other products to consider:

MiniMod™ DemiMod™ &
MajorMod™ - smaller disruptors
MLVD™ - large disruptor



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