

HUMANITARIAN DEMINEING VULCAN (HDV)

Reliable Low Order Tool for NGOs

The Humanitarian Demining Vulcan™ (HDV) is a simplified version of the award-winning Vulcan™ user-filled shaped charge system.

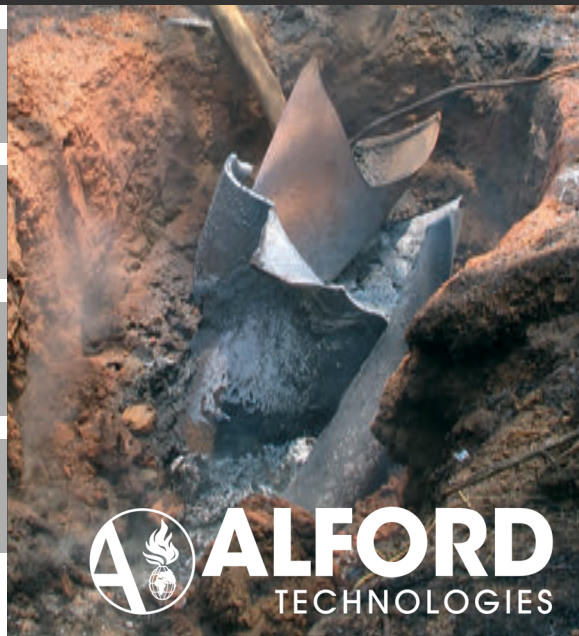
HDV is a cost-effective solution for the low-order disposal of ERW. It provides NGOs with a reliable and affordable neutralisation method, reducing the financial burden of demining operations and delivering unsurpassed performance at a very low NEQ.

Adjust the NEQ to align with the target

Powerful and effective performance

Cost-effective for NGOs

Reduced logistical burden with no logistical restrictions



ALFORD
TECHNOLOGIES

Performance

The HDV™ and Vulcan™ use a specially designed metal alloy jet-forming cone (JFC) that virtually eliminates the risk of shock-to-detonation while reliably igniting the explosive fill in UXO. This unique feature leads to rapid internal pressure buildup within the munition, resulting in case failure and the ordnance splitting apart in a low-order disruption.

Used in the Vulcan, the alloy cone has produced successful low-order disruptions against a wide range of munitions worldwide, with thousands of successful low orders.

Operators can adjust the explosive load by inserting compression rings that fit internally in the charge body and provide a level for loading the explosive. The number of rings required varies inversely with the amount of explosive.

The HDV System comes complete with 10 charge bodies and includes sturdy, adjustable aluminium legs to improve positioning at the target. It includes one metal alloy JFC per charge and a loading tool to facilitate compact loading of the explosive.

Each charge includes the unique Alford Split Screw™, allowing operators to insert the detonator safely and, if required, configure an array of charges. We also include a pack of Plain Detonator Adaptors™.

Specifications

Charge Specifications

- Diameter: 45mm
- Height: 132mm
- Weight empty: 0.05kg
- Weight loaded: 0.07 - 0.1kg
- NEQ: 20 - 50g

Pack contents

- 10 HDV charges
- 40 aluminium legs
- Loading kit



For more information contact:
sales@explosives.net
+44 (0)1249 651 111
or speak to your authorised Alford representative

www.explosives.net

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

