

J-ETNA

Binary Liquid Explosive Low Order Tool

J-Etna™ is a low-order explosive EOD tool tailored explicitly for the Humanitarian Mine Action (HMA) community. This innovation aims to make mine clearance safer, more efficient, and accessible worldwide.

J-Etna's performance mirrors that of our trusted Vulcan™ charge but with enhanced safety and storage benefits. It utilises Alford's Liquid Explosive (ALX™), a binary liquid explosive technology in which neither component is classified as an explosive.

Adjust the NEQ to align with the target

Powerful and effective performance

Cost-effective for NGOs

Reduced logistical burden with no logistical restrictions



Performance

The J-Etna kit comes with both liquids, which only need to be mixed at the point of deployment. ALX overcomes the unique challenges in obtaining, storing, and moving explosives encountered in HMA operations.

J-Etna incorporates a metal alloy Jet Forming Cone (JFC) for inducing the low-order destruction of munitions through deflagration. The JFC is capable of penetrating up to 27mm of munition casing material before igniting and deflagrating its main filling.

In addition to incorporating ten J-Etna charges and the ALX binary explosive, each kit includes filling tools, user instructions, protective gloves and eye protection.

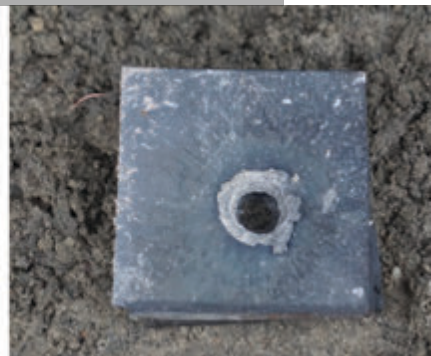
Important note: unlike Vulcan, the body of the J-Etna is sealed, the NEQ is not variable, and you cannot change the projectile.

We supply ALX components in low-volume, easy-to-use containers. Because the components are not individually classified as explosives when unmixed, you can transport, store, and load them with ease.

The explosively formed metal alloy projectile ignites and deflagrates explosive targets without causing detonation.

Specifications

- NEQ: 78g
- JFC: Metal alloy



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