

ULTIMATE CLEARANCE



VEHICLE
MOUNTED
INTERROGATION ARM

ADG
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Vehicle Mounted Interrogation Arm

The vehicle mounted interrogation arm is designed to enhance physical investigation and classification of suspected explosive threats. It allows operators to inform others of threat remediation activities without dismounting protected vehicles and risking exposure. The arm enhances crew survivability and clearance mission efficiency by enabling rapid, safe deployment and manipulation of an articulating, non-invasive investigation tool from inside the safety of the vehicle crew compartment.

Capabilities

Articulating claw

The proprietary grasping rake attachment enables operators to safely inspect and classify potential mines, UXOs, IEDs, and other suspected hazards.

Enhanced optics

Thermal imaging integrated onto the crane extension enables users to search for explosive threats otherwise obscured from the route, behind barriers, inside culverts, and in other locations not viewable from the vehicle.

Dual cameras

With the addition of a junction box and boom camera cable, operators can use two cameras in concert: one camera equipped with a spotlight mounted at the end of the boom and one wide-angle camera at the knuckle for a broad view of the interrogation area.

Optional air/water digger

The air or water jet attachment further enhances non-disruptive interrogating in hard compacted soil. The water jet can penetrate the soil with compaction values of over 20 tons per square foot, creating a trench 5 inches deep and 10 inches long. The air tool can remove debris to expose pressure-sensitive explosives.



Specifications

GROSS WEIGHT

638 lb (289.4 kg)

VOLTAGE

12 V dc or 24 V dc

PUMP CAPACITY

2 gpm (7.6 lpm)

WORKING PRESSURE

2600 psi (18 MP)

TANK CAPACITY

4 gal (15.2 l)

BASE CRANE LIFTING CAPACITY

903 lb @ 8'10" (410 kg @ 2.7 m)

1135 lb @ 13'3" (515 kg @ 4 m)

PAN/TILT NEAR IR AND THERMAL CAPABLE CAMERA

Yes