

RP&C Multi-Tool

Pearson Engineering's Route Proving and Clearance Multi-Tool combines DETECT, PROTECT and DEFEAT capabilities to Counter Explosive Ordnance (EO).



RP&C MULTI-TOOL

The RP&C Multi-Tool delivers a scalable and modular suite of RP&C capabilities for use on your existing vehicle fleet. Able to DETECT, PROTECT and DEFEAT a range of explosive threats, both on and off route, it enables freedom of manoeuvre and the maintenance of operational tempo.

Commonality of spares and training ensures a minimal logistical burden for the deployed force.

DETECT

Ground Penetrating Radar (GPR) to DETECT low metal content threats.

Metal Detector to DETECT high metal content threats.

Active Height Control maximises equipment performance and scanning accuracy.

High definition and infra-red vision systems enable the Positive Identification of surface threats and 'Ground-Sign' at distance.

A Laser Spectrometer aids in threat awareness and confirmation at distance.

The Manipulator Arm is capable of holding the GPR vertically to allow the scanning of walls and threats adjacent to your route.

An optionally tethered Unmanned Aerial Vehicle (UAV) aids off-route detection and the Commander's local situational awareness.

PROTECT

Vehicle and crew survivability is enhanced with the inclusion of a SPARK II C-IED Roller which protects the host vehicle from Victim Operated (Pressure Plate) threats.

The optionally tethered, Unmanned Aerial Vehicle (UAV), gives a Commander a persistent over-watch capability, which can both DETECT and DETER the use of Command Initiated devices.

DEFEAT

The Excavator Manipulator Arm (EMA) can rapidly change attachments, allowing one vehicle to go from a DETECT to DEFEAT mission in a matter of minutes.

Various interchangeable attachments (Digger, Ripper, Grabber, Bucket) are available to aid ground interrogation and threat neutralisation.

Fitting of an 'Air lance' aids threat confirmation (debris removal and non-invasive excavation)

SUITABLE FOR:

- + Medium weight wheeled vehicles
- + MRAPs

