



Built for Danger - Designed to
Protect

PRODUCT CATALOGUE

INNOVATION WITHOUT LIMITATION

One Base-Platform — Endless Applications

Innovation begins with versatility, that's why our **core BASE platform, Spektrum**, is engineered for adaptability, forming the foundation for almost every vehicle in our lineup.

Our base EV platform serves as a **flexible canvas that can be transformed into various platforms** for defense, rescue, logistics, or specialized industrial applications — delivering performance, reliability, and efficiency across every terrain.

Why start from scratch when you can build on a proven foundation?

With PeK Defence, **one platform unlocks endless possibilities.**



All-Terrain



Inclines $\pm 32^\circ$



Cargo Stabilization



Fully Electric

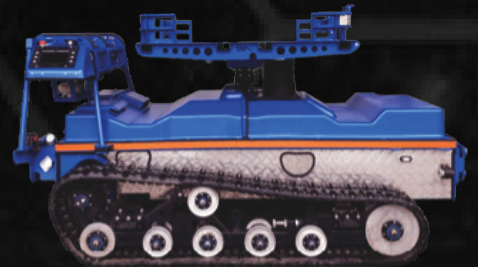


Multi-Use EV



Remote Control + FPV

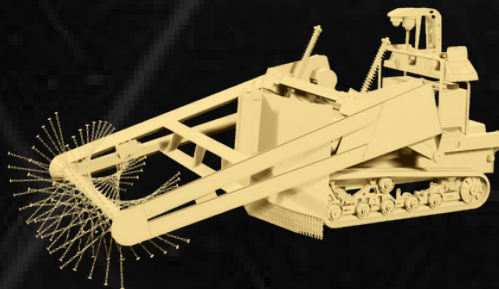
Spektrum Platform



CUSTOMIZATION OPTIONS



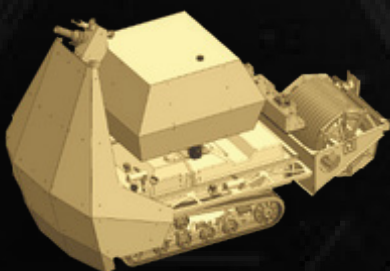
ISR Configuration



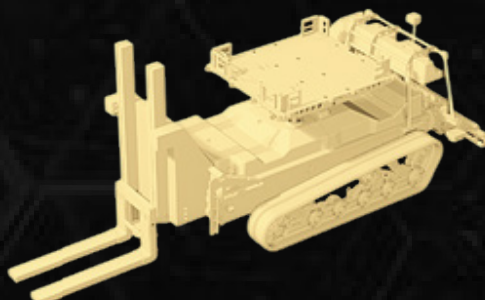
DeMiner Configuration



Decontamination System



Firefighting System



Logistic Configuration



CasEvac Configuration

L.U.G.V

Autonomous Logistics Unmanned Ground Vehicle




Inclines $\pm 32^\circ$


Cargo Stabilization


Multi-Use EV


Remote Control + FPV



All-Terrain



Fully Electric




Vanquisher

Autonomous All-terrain Amphibious Electric Vehicle


ALL-TERRAIN
Multi-track drive,
for rugged terrain,
water or swamp


PASSENGERS
4x crew + operator
OR 2x stretchers +
operator


OPERATION
Operator controls
Remote Control +
optional FPV
'Follow Me'


PERFORMANCE
EV48 Powertrain
for high torque at
zero RPM


DESIGN
Lightweight
Compact
Comfortable





DeMiner

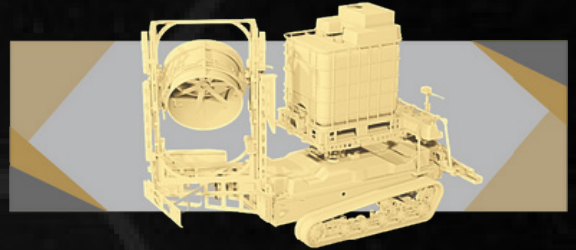
Autonomous Mechanical Clearance Demining System

The DeMiner is a lightweight, electric UGV with a mechanical flail system for **efficient and budget-friendly mine clearance**. Innovative blast-mitigation design disperses forces from mines, significantly reducing maintenance during operation. Electric drive lowers fuel and service costs, ensuring a **low total cost of ownership**. Low-pressure tracks and all-terrain capabilities maximize efficiency while minimizing soil compaction on any terrain. Easily transportable by light trailer, the DeMiner is **a practical solution for both humanitarian and military operations**.

Decontamination System

Autonomous Unmanned Decontamination System

A rotating duct spraying system equipped for the decontamination of radioisotope, biological, and chemical contaminants. By enabling operations through remote control, first-person view, or follow-me mode, it removes personnel from high-risk areas. Its versatility **allows for swift and thorough decontamination processes across a wide range of scenarios**. The system's design minimizes human exposure to toxic materials, making it an invaluable asset for military and disaster response teams alike.



FFRS

Autonomous Unmanned Firefighting Robotic System

This specialized firefighting robot is **equipped with a foam generator, 1,700-liter water tank and a 170-liter foam concentrate tank**. It effectively combats fires in remote or hard-to-reach areas — particularly useful for emergency scenarios such as ammunition, fuel depot or underground parking garage fires. **Using medium-expansion foam at ratios of 1:20 or 1:50**, the firefighting vehicle can suppress large fires quickly without relying on external hoses or water sources. Its compact design allows towing by light car trailer, providing rapid deployment in critical situations.

About PeK Defence

PeK Automotive d.o.o. is a Slovenian company that specializes in developing a wide range of low-voltage autonomous electric vehicles, along with advanced technologies and applications that save time and human resources while significantly reducing mission readiness time.

Dedicated to transforming the lives of those who perform the world's toughest jobs - military personnel, rescuers, farmers, first responders and all those who risk their lives daily, Pek Automotive introduces a new-era of autonomous vehicle technology that simplifies and safeguards their work.

Located near Logatec, Slovenia, PeK Automotive operates three industrial facilities totaling over 10,000 m² and employs 140 highly skilled workers, ensuring the highest standards of production and innovation.

MANUFACTURING SPACE

6.146 m²



PROTOTYPING AREA

1.681 m²



TESTING FACILITY

2.470 m²



Operating under Slovenian
MoD license N 2160-7/2024-5





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