



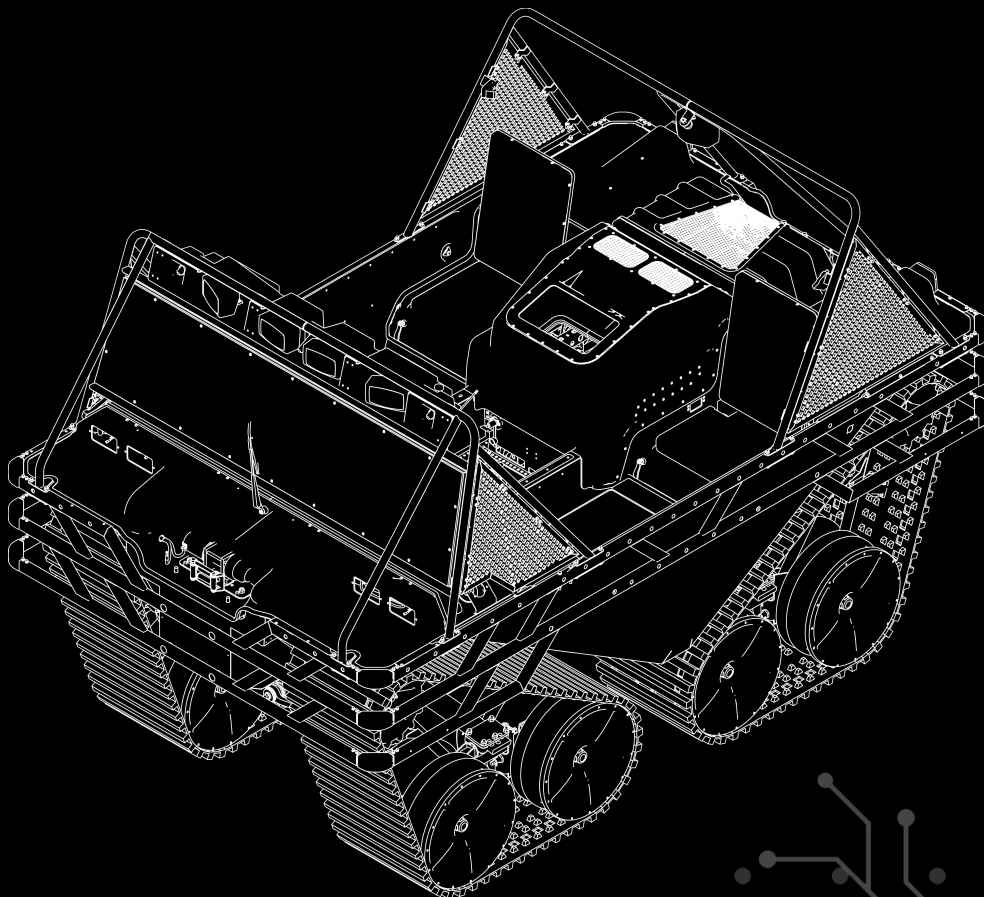
Driving Innovation - Electrically

PRODUCT CATALOGUE

VANQUISHER

Vanquisher is an all-terrain vehicle platform tailored for squadron support missions. It offers an advanced 'Follow Me' mode, enabling autonomous navigation across diverse terrains. The platform easily adapts to various tasks such as transporting light weaponry, carrying injured personnel, and operating effectively in muddy or challenging conditions.

Vanquisher's key strengths include versatile customization options and the integration of non-frictional CVTs (continuously variable transmissions), which enhance mobility and speed. These attributes improve its reliability and overall effectiveness in demanding environments.



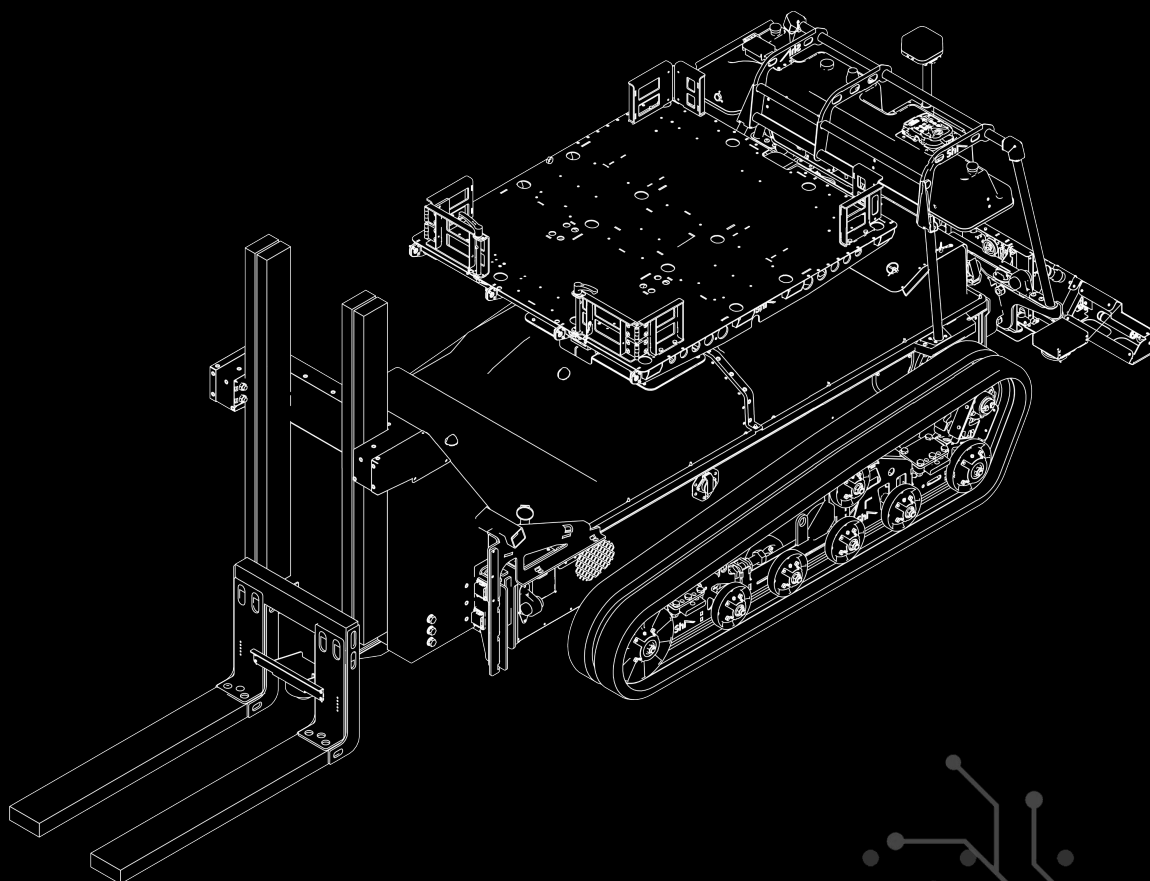
TECHNICAL SPECIFICATIONS

DIMENSIONS (LxWxH)	3282 x 2051 x 2224 mm	WIDTH OF TRACKS	500 mm
WEIGHT	1700 kg	GROUND PRESSURE	0,104 kg/cm ² (1,48 psi)
GROUND CLEARANCE	418 mm	WINCHES	2 x 5 kW
PAYLOAD	up to 1000 kg	PULLING FORCE	Over 20 kN
CREW	4 person / 2 stretchers + 1 driver	SPEED (ground)	up to 15 km/h
POWER-TRAIN	EV48	OPERATION TEMP.	-30°C to +40°C
VOLTAGE	48 V	TRANSPORTATION	Car trailer
DRIVE SYSTEM	4 x 4 tracks	ENGINE	4 x electric motor
TRANSMISSION	CVT (non-friction)	PEAK POWER	20 kW

LOGISTIC UNMANNED GROUND VEHICLE

The L-UGV is an excellent choice for field logistics, capable of safely handling hazardous or high-value materials. It can be used in remote control (RC) mode or first-person view (FPV), ensuring that personnel are removed from potentially risky situations during transport.

Its gravity-stabilized platform maintains balance on uneven terrains like hills or slopes, securely keeping cargo in position. By operating autonomously, it mitigates human exposure to danger and reduces the risk of accidents and material loss.



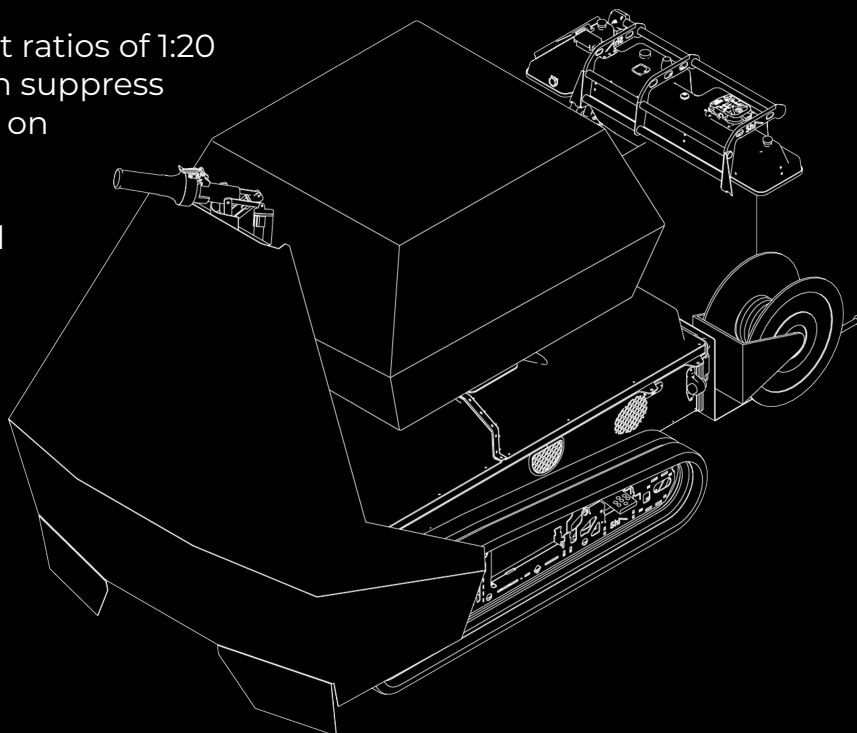
TECHNICAL SPECIFICATIONS

DIMENSIONS (LxWxH)	2600 x 1610 x 1230 mm	MINIMUM SPEED	0,5 km/h
WEIGHT	2000 kg	MAXIMUM SPEED	5 km/h
WORKING SLOPE	≤ 42°	MAXIMUM POWER	10 kW
BATTERY	48V (LiFePO4)	PULLING FORCE	19.6 kN
BATTERY CAPACITY	43 kWh	CARGO PLATFORM SPECS	
BATTERY RUN-TIME	8 - 12 h	DIMENSIONS (LxW)	1213 x 1020 mm
CHARGE TIME	8 - 10 h	MAX. PLATFORM PAYLOAD	1,500 kg
CATERPILLARS	Dual Tracks	WORKING ANGLE	35° - f/b, 21° - sides
GEARBOX	3-stage, 2 belts, 1 chain	FORKLIFT PAYLOAD	1,000 kg

FIREFIGHTING VEHICLE

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.

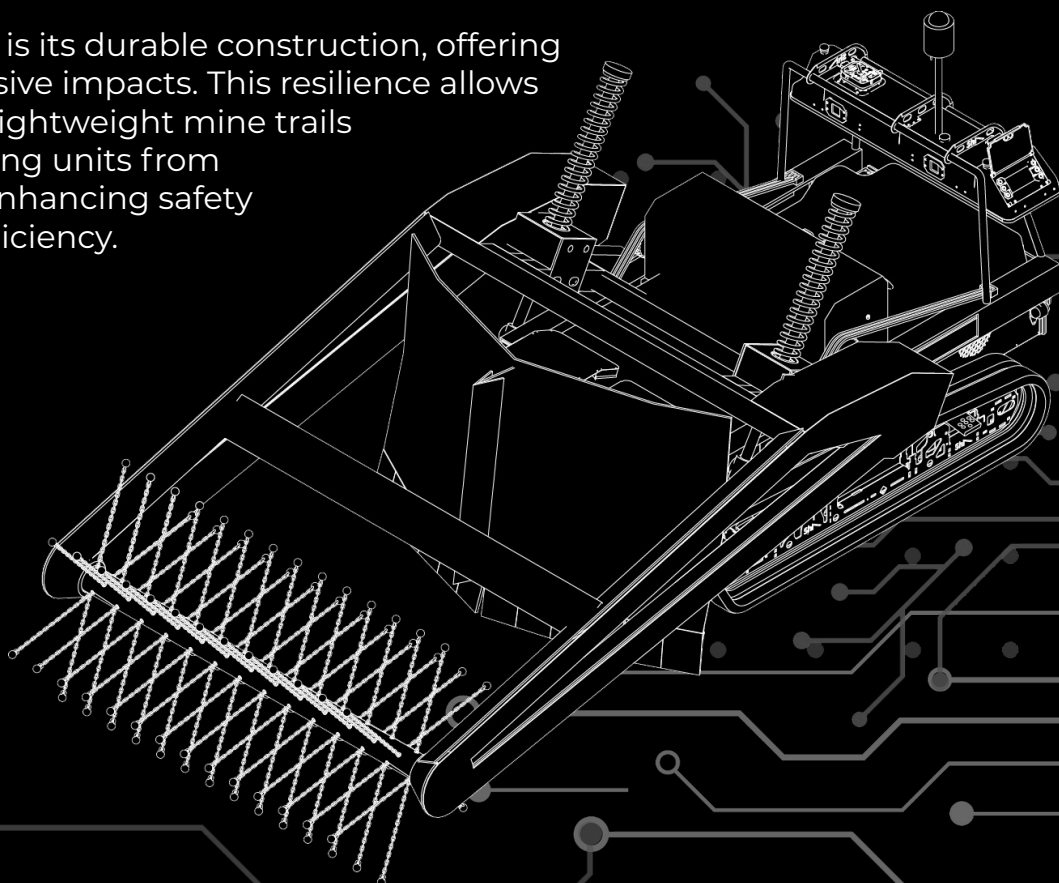
Using medium-expansion foam at ratios of 1:20 or 1:50, the firefighting vehicle can suppress large fires quickly without relying on external hoses or water sources. Its compact design allows towing by light car trailer, providing rapid deployment in critical situations.



DEMINER

This configuration excels in demining operations by functioning in both FPV mode and autonomous mode with RTK-level accuracy. It navigates through minefields with precise guidance, ensuring minimal risk to human operators in hazardous areas.

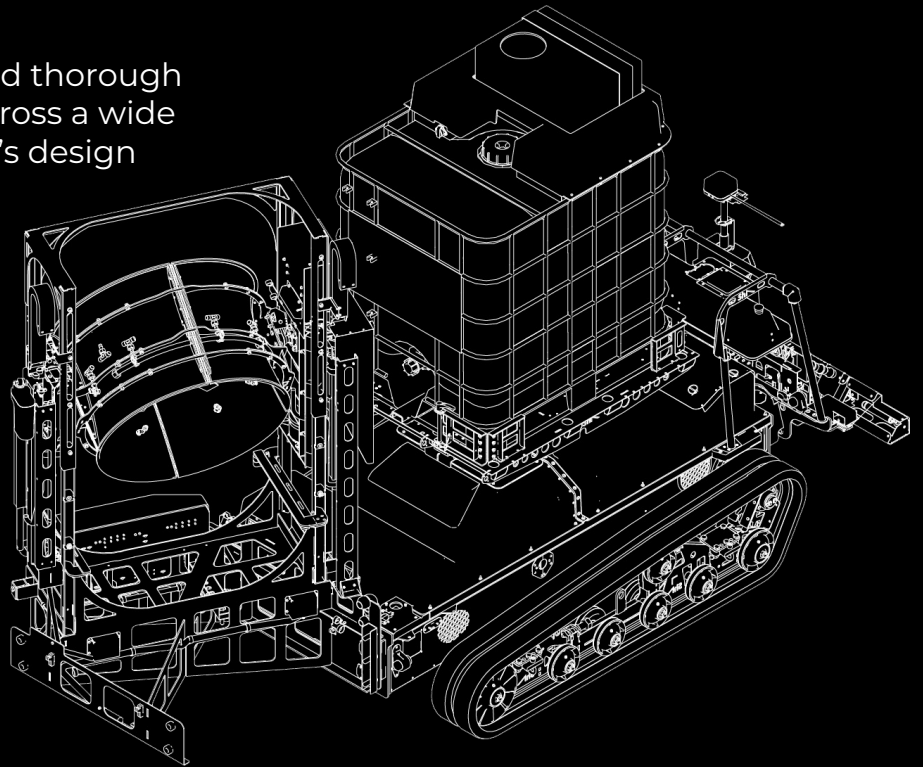
A standout benefit is its durable construction, offering resistance to explosive impacts. This resilience allows for the creation of lightweight mine trails that protect following units from potential threats, enhancing safety and operational efficiency.



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, voice control, 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.

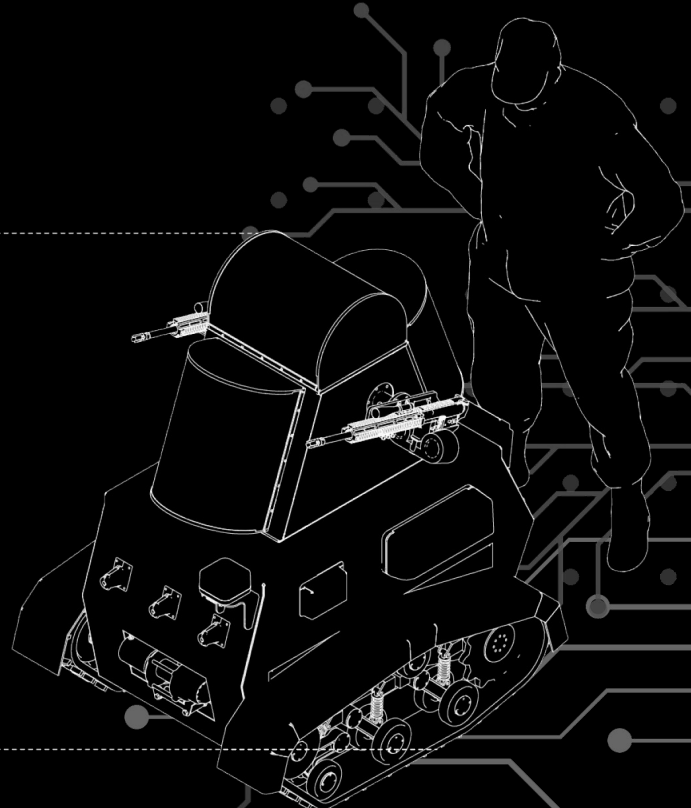


SHORT RANGE COUNTER UAV

The SR cUAV is an autonomous combat vehicle designed to detect, track, and neutralize diverse UAV threats. It operates autonomously or semi-autonomously, with command oversight via a tactical tablet, providing responsive and precise air defense.

Regardless of weather conditions, this caterpillar-based system can effectively locate and engage targets using its turret equipped with two automatic guns.

1,5 m



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