

UNEX

BY  ABRIS DG

AMPHIBIOUS PLATFORM FOR
MISSIONS OF ANY COMPLEXITY



Humanitarian, civil protection, and emergency responders face worsening terrain and climate challenges:

Floods, landslides, destroyed infrastructure, warzones

Legacy logistics are high-cost, slow, and unsafe

A solution is needed to restore access, autonomy, and speed – without risking human lives



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Operational Gaps in Disaster and Relief Response

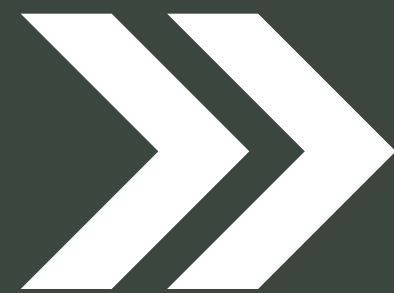
Last-mile deliveries routinely fail due to terrain (e.g., flooded roads, rubble, swamps)

Helicopters are costly (\$4,000-10,000/hr) and limited in capacity

Responders often exposed to unsafe conditions: diseases, collapse risks, mines



NEW CLASS OF UNMANNED AMPHIBIOUS MOBILITY



UNEX is a fully electric, modular,
amphibious unmanned ground platform

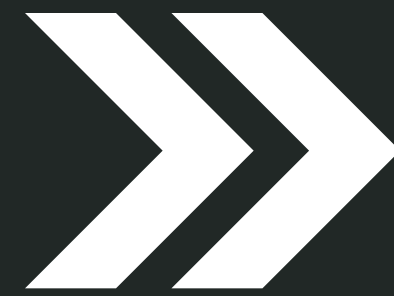
Carries up to 1.7 tons across

Built to operate 24/7 in any climate or
terrain



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MULTI-SECTOR APPLICATIONS



Disaster Relief Logistics – food, shelter, medkits
delivery in flood-affected or isolated zones

Evacuation Support – CASEVAC in collapsed or
flooded areas

Search and Rescue – sensors and camera payloads
for urban and wilderness scenarios

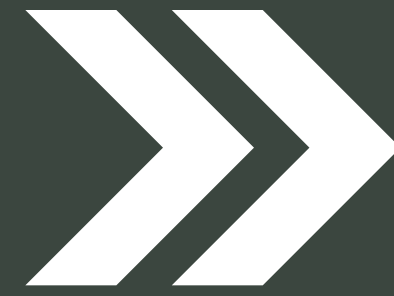
Wildfire and Fire Missions – water/foam deployment
and terrain access

Mine Action and Engineering – post-conflict or
disaster debris and UXO clearing



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WILDFIRE AND FIRE EMERGENCY SCENARIOS



Hazardous Fire Zones: Water cannon-equipped for toxic/unstable areas (e.g. chemical plants)

Wildland Fires: Accesses marshes, peatlands, slopes; delivers supplies or creates firebreaks

Sensors and tools to inspect dangerous fire scenes without endangering crews

Post-Fire Recovery: Performs damage inspection, rubble removal, hot-spot cooling



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MODULARITY = MULTI-
MISSION EFFICIENCY

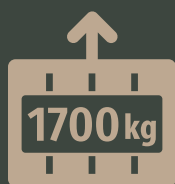


Single vehicle, multiple roles:

- Cargo transport
- CASEVAC and med-evacuation
- Fire suppression or water pumping
- Sensor deployment (thermal, radar)
- Communication relay tower or power hub
- Swappable modules reconfigured in <15 minutes

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PERFORMANCE BY
THE NUMBERS



Payload:
1,700 kg



Obstacle clearance:
1.0 m



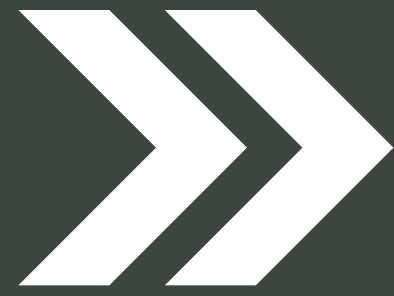
Remote control:
>10 km

COST & SAFETY
ADVANTAGE

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Metric	Legacy Methods	UNEX Amphibious UGV
Cost per kg (flood logistics)	\$5-12 (air)	<\$1.5
Entry into unsafe zones	Human crew risk	Fully unmanned
Transport route setup	Needs infrastructure	Zero-infra mobility
Response time (rural floods)	1-3 days	Hours

WHY ACT NOW



Frequency of disasters
and floods is rising

Civil agencies face growing
demands with reduced resources

Safer, faster, more modular systems reduce cost-
per-mission and lives at risk

UNEX is **field-proven, modular, ready now** —
and built for what's next



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CROSS ANYTHING.
CARRY EVERYTHING. >>

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