

Multiscope

The Multiscope UGV's modular design combined with third party integrations creates generic flexibility to respond throughout various rescue and firefighting situations.

RESCUE UGV



Power source	_____	Hybrid Diesel-Electric Drive
Pulling force	_____	21000 N
Payload (rated)	_____	750 kg / 1650 lbs
Max payload	_____	1200kg/2645 lbs
Max grade	_____	31°/60%
Max side slope	_____	17°/30%
Run time hybrid	_____	12...15 h
Run time electric	_____	0,5...1,5h
Max speed	_____	20 km/h

*All data is provided with maximum payload

Upgradability and Adaptability

- Upgradable in all aspects

Hardware: Modular design allows for swapping out for new payloads – integrate new technology as it emerges

Software: Upgrade UGV to AI-powered autonomy functions via software packages in the near future

- Get the perks of being an early adopter without worrying about depreciation

- Stay ahead of the curve in a fast-evolving field

- Long machine life span -> reduced costs and improved Return-on-Investment



+ Firehose container



+ Extinguisher



+ Transporter

Phase I

Building the infrastructure fire and rescue operation

- Gather critical information for operational planning
- Set up communication using radio relays
- Transport critical supplies, equipment and teams

Phase II

Supporting first responder on the site of operation

- Remote extinguishing inside the danger zone for first responders
- Reaching into narrow and steep areas where fire trucks are helpless
- Live video feed throughout remote conducted dive-in
- MEDEVAC from harsh terrain
- Supply chain management without exhausting manpower

Phase III

Packing up and finishing the operation

- Robot-assisted post-operation logistics
- Packing up equipment and transportation of auxiliary loads
- Faster regain of readiness for new operations