

MULTISCOPE RESCUE WITH HYDRA



ASSISTING FIREFIGHTERS IN EXTREME SITUATIONS

FIRE MONITOR SYSTEM

- » Both supply approx. 2000 l/min
- » Both controlled by radio remote control
- » Both Move 360°
- » Both can be used with water and foam
- » Throw length at 5 bar: 45m
- » Throw length at 8 bar: 62m

SKID UNIT

- » Two cooling sprinklers mounted in front of the skid unit for cooling down the skid unit and UGV.
- » Control cabinet with LED lights for system status
- » Four fire hose compartments
- » The skid could be executed with 2 medium expansion generators to supply a thick foam blanket with medium expansion foam
- » 22" LED light bar / Light coverage up to 380m



INDUSTRIAL FIRES

- » Modularity
- » High temperature resistance
- » Able to pass through tight gaps
- » High Maneuverability
- » Water and foam compatible



FOREST FIRES

- » Especially useful in collapse zones
- » Able to climb obstacles
- » Low ground pressure
- » Able to tow pressurized water hoses
- » All terrain compatible



LANDSCAPE FIRES

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TECHNICAL SPECIFICATIONS

UGV

Measures _____ 240 cm x 200 cm x 115cm

Weight _____ 2080 kg

Payload area

UGV height (with Hydra) _____ 181 cm

Payload weight (Hydra) _____ 300 kg

360 deg sensorics & lights

Sensors _____ LiDARs

Cameras _____ IR, Thermal, HDR

Lights _____ LED, IR

Performance

Max. speed _____ 20 km/h

Ground clearance _____ 60 cm

Ground pressure _____ 0,23 kg/cm

Max. grade _____ 31 degrees / 60 %

Fording depth _____ 61 cm

Pull force _____ 21 000 N

Run time (hybrid, full internal tank) _____ 12...15 h

Run time (full load, silent mode) _____ 0,5...1,5 h

Transportability

Towing speed _____ up to 80 km/h

Air transportability _____ According to STANAG 3542

Airlift _____ Helicopter under slung

CONTROL SYSTEM



Line of sight up to 1,5 km



Vehicle and fire monitors
Operated separately

OPTIONAL AUTONOMOUS FUNCTIONS



Waypoint navigation



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