



HIPPO HAWC

(Hybrid Amphibious Wheeled Carrier)

**Extreme terrain accessibility for
Emergency Services**

- **Payload**
- **Mobility**
- **Exportable Power**
- **Optional Robotics**



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HIPPO HAWC

Payload

The HAWC can carry 1000 kg of payload (750 kg of cargo, driver and passenger) and tow up to 2000 kg.

The HAWC can be rapidly reconfigured for a variety of roles including:

- Off grid fire fighting (moorland and forest fires)
- Mountain rescue
- Chemical, Biological, Radiological and Nuclear (CBRN) response
- Flood response
- Lifeboat launch and recovery
- Incident response hub



Mobility

The HAWC has excellent strategic, operational and tactical mobility. It can be internally carried by military support helicopters (eg CH-47 Chinook) or towed behind a conventional vehicle on a trailer. HAWC also has the ability to unlock its wheels so that it can be directly towed behind a prime mover using an A-Frame. It can self drive for over 150 km.

The amphibious HAWC has superb terrain accessibility on moorland, sand and snow. It can deliver payloads and extract casualties from the most demanding locations; a force multiplier for Emergency Services.

HIPPO HAWC

Hybrid Electric Drive

The electric drive HAWC is powered by batteries. When operating on battery power alone the vehicle has a very low acoustic and thermal signature and no emissions. For short operations the HAWC can be recharged from the mains. For protracted operations the HAWC features an integrated diesel/JP8 generator producing 13 kW of DC power. This provides the HAWC with a range of 150 km on a single tank of fuel.

Exportable Power

The HAWC is a mobile generator. It can provide off grid power for pumps, cutting tools, lifting gear, radios, batteries, lighting, refrigeration, etc.

Optional Robotics

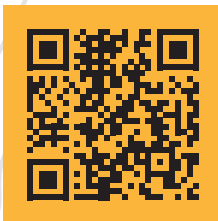
The drive by wire HAWC is fitted with a remote control kit as standard. This allows the vehicle to be operated uncrewed in high risk situations eg CBRN response. The HAWC can also be fitted for autonomous operation with the seats providing a reversionary mode if necessary.



HIPPO HAWC

Technical Specifications

Engine	Kubota D902 Diesel, JP8 compatible
Top Speed Land	35 km/h
Top Speed Water	3 km/h
Range	Battery (silent mode): > 20km Diesel: >150 km
Maximum Payload	750 kg + 2 passengers
Towing Capacity	2000 kg
GVW	2940 kg
Curb Weight	1940 kg
Length Width Height	3.8m 1.65m 2.02m (1.52m ROPS folded)
Payload Deck	1.75m x 1.47m
Passenger Capacity	2 (driver + 1)
Passenger Safety	ROPS 4-point seat harness



Scan to watch the
HAWC in action.



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