



KOMODO

MODULAR UNMANNED PLATFORM

The KOMODO has been developed as a modular unmanned platform capable of integrating a broad range of military mission capabilities onto a single vehicle. It significantly reduces the exposure of soldiers in high-threat environments while providing a highly flexible and scalable solution for modern land operations.

Its open architecture, robust design and high manoeuvrability enable rapid mission adaptation through interchangeable payloads and mission kits, supporting military, homeland security and civil protection tasks.

SERIES-HYBRID TRACKED VEHICLE PLATFORM

The KOMODO is powered by a hybrid system consisting of a diesel engine coupled to an electric generator with continuous output power of 130 kW (186 kW in peak) and a battery pack with a total energy capacity of 145 kWh which can deliver peak output power of 435 kW. The powertrain of the vehicle is fully electric and the fully electric drivetrain consists of two traction motors, one driving each track, with combined continuous power of up to 350 kW (600 kW in peak). The diesel engine, electric generator and most of the cooling system are integrated into a single Power-pack unit. The Power-pack is designed to be detachable from the

machine and replaceable in the workshop. The charging socket is a CCS (Combined Charging Standard) socket meaning it features both the AC and fast DC charging pins. In case fast charging is necessary, the vehicle can operate in generator-assisted charging mode where it utilizes a diesel generator to charge the battery in up to 90 min.

STANDARDISED MODULAR DESIGN

The KOMODO features an ISO 668 container mount. This allows the system to accommodate standardised containers or payloads. Thanks to this mount, The platform is mission-agnostic and can be configured for a wide range of operational roles, including C-UAS, fire support, combat service support and engineering capabilities. Open digital interfaces and system architecture at various points on the vehicle allow different capabilities to be combined, allowing rapid reconfiguration between different mission profiles. With a payload capacity of 9,350 kg, the KOMODO can integrate mission payloads such as the Skyranger or Skynex C-UAS systems. This enables the integration of mature counter-UAS capabilities on an unmanned, remotely operated platform while maintaining a common vehicle architecture.



TECHNICAL DATA – KOMODO

Length	5,530 mm
Height	1,700 mm
Width	2,574 mm
Ground clearance	370 mm
Gross Vehicle Weight	24,850 kg
Payload	9,350 kg
Ground bearing pressure	1.41 kg/cm ²
Maximum speed	Up to 55 km/h
Hill climbing ability	35°
Side slope	20°
Towing capability	9,000 kg
Fuel tank	220 l (F-54, -F-34)
Engine max. Power	186 kW/2200rpm
Battery Pack	145 kWh
Vehicle control	Remote control, open interface for A-Kit

