Project VALKYRIE

SASCorp
Robotic Systems

ADVANCE THE FUTURE OF SECURITY

Valkyrie

SASCorp
Robotic Systems

General specifications:

- Dimensions: 5000 x 2500 x 1700 mm
- GVW: 5500 kg
- Payload: 1800 kg
- Modular and versatile
- Predictive and preventive maintenance
- Composite armor up to NATO STANAG Level 4
- Direct link communication with satellite link option
- Situational awareness based on electro-optical sensors, NIR, LWIR and Lidar
- Semi autonomous driving, follow me and remote control
- Hybrid powertrain
- Diesel Jaguar engine 350 hp Turbo
- Electric range: 3 km
- Hybrid range: 8-10 h
- Airborne

Off-road mobility:

- Maximum front/side slope: 60% / 30%
- Overcoming vertical obstacles up to 70 cm
- All-wheel drive 6x6
- Adjustable pneumatic suspension with wide displacement in each wheel
- 49” Wheels - 13R20
- Wade capability: 1.70 m with amphibian upgrade option
- High ground clearance
- Maximum ground speed: 40 km/h
- Maximum speed on water: 6 kn (>11 km/h)
- Vector thrust turbine

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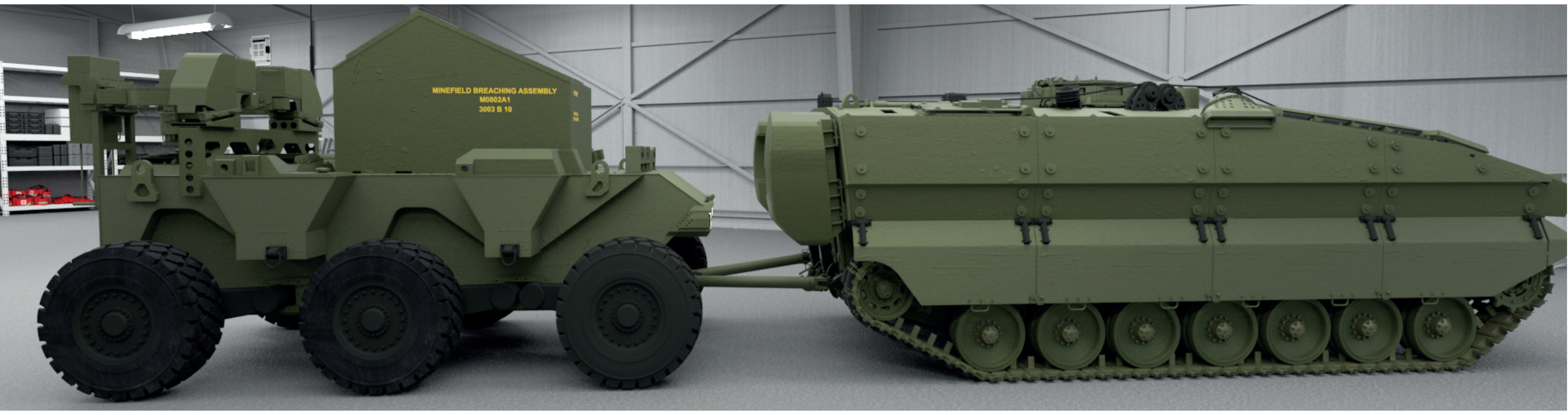
Structural Aerospace Systems

ENGINEERING SUPPORT

- Self protection roller
- Obstacle marking
- Interchangeable working accesories
- Passive protection systems
- Smoke launcher RHEINMETALL
- GVW Ground version: 7500 kg
- GVW Amphibian version: 5500 kg



- Plofadder 160 AT
- Obstacle marking (Optional)
- Towed
- Passive protection systems
- GVW Ground version: 7500 kg
- GVW Amphibian version: 5500 kg

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COMBAT SUPPORT

- Main RWS up to 40 mm
- Coaxial 7.62 mm
- AT missile launcher
- Possible integration of different weapon systems
- RWS integration up to: 2500 kg
- RWS integration up to 1800 kg (Amphibian version)

Optional amphibious capability

- Guaranteed navigability in open sea waters
- Complete water tightness system
- Aquatic thrust through directional water jets
- Platform stabilization in open sea waters

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