



THEMIS COMBAT WITH THE SCORPION RCWS

WINGMAN TO DISMOUNTED UNITS



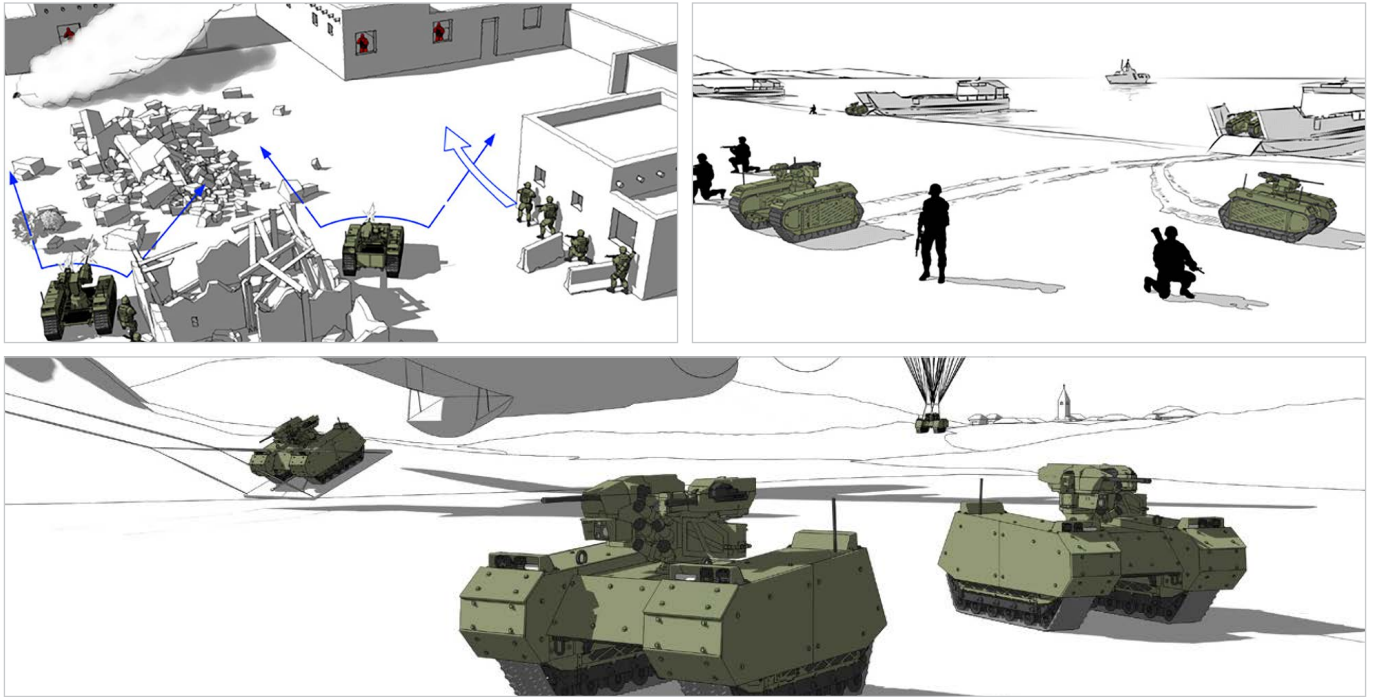
THEMIS Combat UGVs provide high precision direct fire support for manoeuvre units and act as a force multiplier.

With the self-stabilizing, dual-gun SCORPION Remotely Controlled Weapon Station (RCWS), advanced sensors and fire control system, THEMIS Combat UGVs allow units to assess and engage the enemy at maximum standoff distances, increasing force protection and survivability.

Additional security is provided with the Spexer 2000 radar, which is able to detect small and slow-moving, as well as fast manoeuvring targets and operating in high-clutter environment (e.g. urban).

SPECIFICATIONS

ThEMIS COMBAT USECASES



SPECIFICATIONS

MOBILITY

Dimensions	240 cm x 205 cm x 190 cm
Combat weight	1810 kg*
Additional payload weight	570 kg*
Max. speed	20 km/h
Ground clearance	up to 60 cm
Max. grade	31 deg / 60 %
Fording depth	60 cm
Run time (hybrid, full internal tank)	up to 15 h
Run time (full load, silent mode)	up to 1,5 h
Line of sight control range	up to 1 km

* Depending on the final configuration

SPEXER 2000 3D MK III

Radar technology	Full coherent pulse Doppler Radar
Frequency range	X-band radar
Azimuth coverage	Up to 360° Single antenna 120°
Elevation coverage	Up to 90°
Track while scan	>300 targets in 120° Pedestrian: 20km

LETHALITY

Weapons integrations	7.62 mm + 5.56 mm 12.7 mm / 14.5 mm + 7.62 mm 12.7 mm + 40 mm AGL
Single gun	12.7 mm, 14.5 mm or 7.62 mm
Elevation	-20° ... +70°
Elevation rate	40°/sec
Azimuth	n x 360°
Azimuth rate	80°/sec
DRI 2.3X2.3 NATO TARGET (DAYLIGHT/THERMAL)	
Detection range	15000 m / 4800 m
Recognition range	5000 m / 1100 m
Identification range	3000 m / 700 m