

MINK MODULAR COMBAT SUPPORT VEHICLE



CAPABILITY DESCRIPTION



MINK Counter Mobility System

MODULAR COMBAT SUPPORT VEHICLE

DESIGN AND SAFETY

PROTECTION LEVELS

- Protected passenger monocoque cell
- Ballistic protection on passenger cabin is STANAG level 2 as standard with STANAG level 3 optionally available.
- The blast frame and cabin floor act as a blast attenuating double skin, energy absorbing mechanism and provides exceptional safety characteristics for the occupants of the vehicle.

Mine & IED protection up to STANAG levels 3A & 3B

Protected engine compartment

- Radiator grill and engine compartment sides protected to STANAG level 2.
- Bonnet protected to STANAG level 2 at 45 degrees angle of incidence.



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TECHNICAL SPECIFICATIONS

Parameter	MINK Counter Mobility Specification
Engine	6.7 l Cummins / 300 hp/ 223 kW 6.8 l MAN (OPTION) 340 hp/ 253 kW
Torque	1100Nm/ 1200NMm @1200 - 1800rpm
Transmission	Allison 6-speed Automatic
Engine Idle	750 - 850 rpm
Range	700 km
GVW/ Payload: MINK2	12,000 kg/ 2.700 kg, 2.000 kg (STANAG 2, 3)
GVW/ Payload: MINK3	20,000 kg/ 9.000 kg, 8.000 kg (STANAG 2, 3)
Alternator	24 V/ 360 A Standard: 1 st belt: Alternator, Engine, water pump 2 nd belt: AC system and auxiliary equipment
Batteries	x 2 at the front, inside engine compartment x 2 in the v-hull compartment (option)

Parameter	MINK Counter Mobility Specification
Dimensions (LWH): MINK2	6.120 x 2.370 x 2.640 mm
Dimensions (LWH): MINK3	7.000 x 2.370 x 2.640 mm
Track Width/ Axle	1.908 mm/ 4x4 independent front/ rear
Wheel Base: MINK2	3.600 mm
Wheel Base: MINK3	3.830 mm
Ground Clearance	484 mm
Angle of approach/ departure	40 degrees
Obstacle Crossing	484 mm
Crew Capacity: MINK2	6-8
Crew Capacity: MINK3	10-12
Protection Level	STANAG 4569 3A/3B

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TECHNICAL SPECIFICATIONS

PERFORMANCE MINK COUNTER MOBILITY STANDARD

Range	700km
Maximum Speed on Road	120km/h*



*Limited to tire manufacturer specifications

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STANDARD AND OPTIONAL EQUIPMENT

Standard Equipment	Optional Equipment	
▪ CAN Bus Electrical System ▪ Forward and Rear View Cameras ▪ Air Conditioning Unit, tropical or extreme desert options ▪ Central Tire Inflation System (CTIS) ▪ Run-flat inserts in all tires ▪ Anti-Locking Brake System (ABS) ▪ Central Main Switch ▪ Battery protection system ▪ Mine blast certified seats ▪ Multipoint seat belts ▪ Towing Eyes ▪ Black out lighting ▪ Engine fire suppression system	▪ Customer equipment integration ▪ Self Recovery Winch ▪ NBC overpressure filtration system ▪ Sniper detection system ▪ Fire suppression system underbody ▪ Smoke grenade launchers ▪ Weapon mount* ▪ Turret options ▪ Strobe lights ▪ IED Jamming systems ▪ Night Vision System ▪ Fit for radio and navigation system	▪ PA /Intercom system ▪ Converter 24V to 220-230V ▪ Window wire mesh protection ▪ Antenna mounts ▪ Rifle holders ▪ Wire cutters ▪ Camera recording system with DVR ▪ FLIR and thermal vision systems

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Capability Overview

MINK Counter-Mobility System

The MINK Counter-Mobility System is a highly mobile platform designed to support the rapid deployment of mine-based counter-mobility capabilities. It enables military forces to establish tactical minefields within a short period of time, significantly reducing the reliance on manual, time-consuming and potentially hazardous mine-laying operations.

By rapidly creating obstacles to enemy movement, the system can contribute to restricting, delaying, disrupting, channeling or blocking opposing forces, thereby supporting both defensive operations and maneuver warfare.

Modern, automated mine-laying capabilities have regained significant importance in high-intensity land warfare. Recent operational experience, including lessons observed during the Russia–Ukraine war, has highlighted the importance of rapidly deployable counter-mobility capabilities for shaping the battlefield, protecting defensive positions and supporting maneuver operations.



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Capability Overview

In cooperation with Dynamit Nobel Defence, the MINK platform can be configured to accommodate the SCORPION 2 Mine-Laying System, providing a highly mobile and modular counter-mobility solution.



Two principal configurations are available:

- MINK 2 – configured with four SCORPION 2 mine launchers
- MINK 3 – configured with six SCORPION 2 mine launchers

The combination of the MINK's mobility and modular mission-platform architecture with the SCORPION 2 system provides armed forces with a flexible, rapidly deployable and operationally adaptable counter-mobility capability.

MINK Counter-Mobility – Mobility. Modularity. Rapid Battlefield Effect.



MODULAR COMBAT SUPPORT VEHICLE

CAPABILITY DESCRIPTION

Mission Role

- Rapidly Configurable Minefields

The MINK Counter-Mobility System enables the rapid deployment of anti-tank minefields tailored to the tactical situation. Its high mobility allows commanders to establish or reinforce counter-mobility obstacles quickly in response to changing battlefield requirements.

- Supporting the Effects of Friendly Fires

By restricting, delaying and channeling the movement of opposing armored forces, the system supports the effective employment of friendly direct and indirect fires. Counter-mobility obstacles can be integrated into the overall defensive concept to shape enemy movement and increase the effectiveness of other weapon systems.



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CAPABILITY DESCRIPTION

- Flank, Rear-Area and Critical Infrastructure Protection

The MINK can support the protection of exposed flanks, rear areas, key approaches and critical infrastructure by rapidly establishing counter-mobility obstacles where and when required.

- Reduced Deployment Time and Manpower

Compared with conventional manual mine-laying operations, the mechanized MINK solution significantly reduces the time and personnel required to establish tactical minefields. This enables faster deployment, increased operational flexibility and a higher operational tempo.

High Mobility – Rapid Deployment – Effective Counter-Mobility



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Key Performance Characteristics

- **Rapid Deployment & High Capacity:** The system is capable of deploying patterns of Anti-Tank mines across a wide area.
- **Advanced Munition:** The system uses anti-tank mines, which are designed for maximum destruction.
- **Intelligent Trigger Mechanisms:** The mines feature sensors that do not require direct track contact; they can be triggered by the magnetic influence of a tank's hull passing over them.
- **Operational Security:** All mines are equipped with a programmable self-destruct mechanism, allowing for the creation of temporary barriers that safely deactivate over time, ensuring, with 99% reliability, that the zone is safe for civilians after a conflict.
- **Digital Integration & Remote Control:** The Skorpion 2 integrates with digital command and control networks, enabling remote planning, activation, and real-time reporting.
- **Operational Flexibility:** The system can be used for pre-planned defensive positions or dynamically in response to real-time battlefield developments.
- **Modularity & Mobility:** The system features a modular design allowing for integration on the MINK 2 and 3 platforms, enhancing its ability to operate in complex, rugged terrain, such as the Baltic region.

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Platform and Integration

The Skorpion 2 System is platform-agnostic and can be integrated on:

- MINK 4x4 Single Cabin in STANAG 2 or STANAG 3
- MINK 6x6 Single Cabin in STANAG 2 or STANAG 3

The system is designed for rapid integration into NATO-standard vehicle architectures and battle management systems.

Survivability and Force Protection

- Supporting combined army breaching operations
- Provides rapid counter mobility capability for land forces
- Networked enabled capability via direct integration into COP

These features significantly enhance force survivability in high-threat environments.

Interoperability and Networking

- Compatible with NATO C2 and ISR networks
- Supports joint and combined operations
- Direct integration into Engineer layer in every BMS

Operational Advantages

- Rapid Defensive Response
- Strengthen own defence
- Enhanced Survivability and Protection
- Operational Flexibility
- Improved Logistical Support

MODULAR COMBAT SUPPORT VEHICLE

DND
Dynamit Nobel Defence

GERMANTEC
CERTIFIED IN GERMANY

CAPABILITY DESCRIPTION

Summary Statement

The MINK 2 and MINK 3 are modern, highly mobile and rapidly deployable mine-laying systems jointly developed by Dynamit Nobel Defence and GermanTec Automotive. Designed to support and protect friendly combined-arms operations, they provide an effective counter-mobility capability to disrupt, delay and restrict opposing forces and shape their freedom of maneuver.

The systems are particularly suited to the requirements of high-intensity land operations and the reinforcement of NATO's deterrence and defensive capabilities along its Eastern Flank.



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Ministries



Our platforms support European defense autonomy and NATO interoperability, contributing directly to national security and industrial strength. Designed for seamless integration with allied forces, GermanTec vehicles align with EU strategic goals and compliance requirements.

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Military



GermanTec Automotive vehicles deliver modular, mission-flexible mobility and certified crew protection for peacekeeping, tactical, and border security operations. Our designs prioritize survivability and adaptability in demanding operational environments.

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Industry



Open system architecture and standardized interfaces enable collaboration on next-generation vehicle systems. GermanTec Automotive is committed to co-development with European suppliers and supports local production networks.

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EMPOWERING MISSION SUCCESS THROUGH CERTIFIED GERMAN ENGINEERING



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