

# MINK MODULAR COMBAT SUPPORT VEHICLE



**CAPABILITY  
DESCRIPTION**

 MINK LOGISTIC SUPPORT SYSTEM // MLSS

# 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.



# MODULAR COMBAT SUPPORT VEHICLE

## TECHNICAL SPECIFICATIONS

Parameter	MLSV 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: MINK3	20,000 kg/ 9.000 kg, 8.000 kg (STANAG 2, 3)
Alternator	24 V/ 360 A Standard: 1 <sup>st</sup> belt: Alternator, Engine, water pump 2 <sup>nd</sup> belt: AC system and auxiliary equipment
Batteries	x 2 at the front, inside engine compartment x 2 in the v-hull compartment (option)

Parameter	MLSV Specification
Dimensions (LWH): MINK3	7.000 x 2.370 x 2.640 mm
Track Width/ Axle	1.908 mm/ 4x4 independent front/ rear
Wheel Base: MINK3	3.830 mm
Ground Clearance	484 mm
Angle of approach/ departure	40 degrees
Obstacle Crossing	484 mm
Crew Capacity: MINK3	2
Protection Level	STANAG 4569 3A/3B

# MODULAR COMBAT SUPPORT VEHICLE


## TECHNICAL SPECIFICATIONS

### PERFORMANCE MLSV STANDARD


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



GRADEABILITY = 60%



TRENCH = 850 mm\*



SIDE SLOPE = 35%

\*Limited to tire manufacturer specifications

# MODULAR COMBAT SUPPORT VEHICLE

## STANDARD AND OPTIONAL EQUIPMENTS

STANDARD EQUIPMENT	OPTIONAL EQUIPMENT	
<ul style="list-style-type: none"><li>▪ CAN Bus Electrical System</li><li>▪ Forward and Rear View Cameras</li><li>▪ Air Conditioning Unit, tropical or extreme desert options</li><li>▪ Central Tire Inflation System (CTIS)</li><li>▪ Run-flat inserts in all tires</li><li>▪ Anti-Locking Brake System (ABS)</li><li>▪ Central Main Switch</li><li>▪ Battery protection system</li><li>▪ Mine blast certified seats</li><li>▪ Multipoint seat belts</li><li>▪ Towing Eyes</li><li>▪ Black out lighting</li><li>▪ Engine fire suppression system</li></ul>	<ul style="list-style-type: none"><li>▪ Customer equipment integration</li><li>▪ Self Recovery Winch</li><li>▪ NBC overpressure filtration system</li><li>▪ Sniper detection system</li><li>▪ Fire suppression system underbody</li><li>▪ Smoke grenade launchers</li><li>▪ Weapon mount*</li><li>▪ Turret options</li><li>▪ Strobe lights</li><li>▪ IED Jamming systems</li><li>▪ Night Vision System</li><li>▪ Fit for radio and navigation system</li></ul>	<ul style="list-style-type: none"><li>▪ PA /Intercom system</li><li>▪ Converter 24V to 220-230V</li><li>▪ Window wire mesh protection</li><li>▪ Antenna mounts</li><li>▪ Rifle holders</li><li>▪ Wire cutters</li><li>▪ Camera recording system with DVR</li><li>▪ FLIR and thermal vision systems</li></ul>

# MODULAR COMBAT SUPPORT VEHICLE

## CAPABILITY DESCRIPTION

### Capability Overview

The MINK Logistic Support Vehicles (MLSV) is a specialized, ruggedized military truck designed to sustain operations by transporting fuel, ammunition, water, rations, and spare parts. As the primary "workhorse" for Armed Forces, these vehicles ensure high mobility and combat service support in difficult, high-threat environments



# MODULAR COMBAT SUPPORT VEHICLE

## CAPABILITY DESCRIPTION

### Mission Role

MLSV supports the following operational roles:

- Logistics & Supply: Transporting cargo, food, and 10/ 20 ft ISO containers to support military missions.
- Fuel/Water Transport: Specialized tankers with large capacities (e.g., up 20,000-liter tankers) deliver fuel and water.
- Maintenance & Recovery: Repairing or recovering disabled vehicles.
- Operational Versatility: Used as fire engines, sewage trucks, and for transporting specialized equipment.
- Combat Support: Equipped for protection, including armor, and used in multi-tier logistics systems.



# MODULAR COMBAT SUPPORT VEHICLE

## CAPABILITY DESCRIPTION

### Mobility and Performance

- Speed & Range: Achieve on-road speeds of up to 120 km/h, with operational ranges exceeding 700 km.
- Off-road Capability: High-mobility configurations (4x4, 6x6 ) with central tyre inflation systems (CTIS) for adapting to soft sand, mud, or snow.
- Gradeability & Fording: Capable of climbing gradients up to 60% and side slopes of 35%. Fording depths of 1,500 mm.
- Drivetrain: Powerful diesel engines (6.7 l Cummins / 300 hp/ 223 kW 6.8 l or MAN 340 hp/ 253 kW ) combined with automatic transmissions.

### Protection and Survivability

- Ballistic & Mine Protection: Designed to meet STANAG 2 and STANAG 3 standards, protecting against kinetic energy projectiles, artillery shell fragments, and improvised explosive devices (IEDs).
- Crew Protection: Features modular, exchangeable armored cabins.
- System Protection: Run-flat tyre inserts, automatic fire suppression systems for the engine/crew compartment.

# MODULAR COMBAT SUPPORT VEHICLE



## CAPABILITY DESCRIPTION

### Platforms and Integration

MINK LSV 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.

### Operational Advantages

- **Modular Design:** Many features standardized interfaces (ISO containers, 10-foot/6.5-foot modules) allowing a single platform to be quickly reconfigured for different roles, such as ambulances, command posts, recovery vehicles, or cargo carriers.

- **Payload Capacity:** Despite their weight, they are designed to carry high payloads.
- **Recovery and Logistics:** They can be fitted with cranes, winches, and cargo systems to support maintenance and resupply of front-line units.

### Summary Statement

The MINK LSV is a heavily protected, high-mobility tactical vehicle designed to transport ammunition, fuel, food, and supplies to combat forces in high-threat, frontline environments. Unlike conventional logistics vehicles, MINK LSV platforms provide essential ballistic and mine-blast protection, increasing crew survivability and operational endurance, particularly against threats like IEDs (Improvised Explosive Devices) and it impresses with the versatility of its modularity.

# PARTNERSHIP & CONTACT

## SECTOR FOCUSED SOLUTIONS



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.

[Request a strategic briefing](#)



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.

[Schedule a demo ride](#)



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.

[Explore partnership opportunities](#)

# EMPOWERING MISSION SUCCESS THROUGH CERTIFIED GERMAN ENGINEERING



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