

# MINK MODULAR COMBAT SUPPORT VEHICLE



# DATA SHEET

 MINK MORTAR SYSTEM // MMS

Engine & Transmission	MINK Mortar System
Engine	6.7 l Cummins / 300 hp/ 223 kW 6.8 l MAN (OPTION) 340 hp/ 253 kW
Power Output	300 hp/221kw 340/253kw
Torque	1100Nm/ 1200NMm @1200 - 1800rpm
Transmission	Allison 6-speed Automatic
Engine Idle	750 - 850 rpm
Fuel Tank	240L
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

Dimensions & Weight	MINK Mortar System
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
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)
Crew Capacity: MINK2	6-8
Crew Capacity: MINK3	10-12

Performance	MINK Mortar System
Speed up to	120km/h
Range	700 km
Turning Radius: MINK2	8,25m
Turning Radius: MINK3	15,00m
Gradeability	60%
Side Slope	35%
Angle of approach/ departure	40 degrees
Obstacle Crossing	484 mm

Drive Train	MINK Mortar System
Transfer Case	2-Speed high-low range with brake fitted
Steering	Hydraulic power steering
Electric System	24V -360 Amp Black-out lightning
Batteries	x 2 at the front, inside engine compartment x 2 in the v-hull compartment (option)
Brake system	Hydraulic discs+ anti-lock braking system (ABS)
Axles & Suspension	Independent in front and rear with 100% locking differentials. Coil Spring suspension with hydraulic shock absorbers & stabilizer bar Optional hydrostatic or pneumatic

Protection	MINK Mortar System
Cabin Kinetic Energy Protection up to	STANAG Level 3
Mine Blast Protection	STANAG Level 3A&3B
Side Blast IED Protection	STANAG 4659, 50Kg TNT @ 4 m
Engine sides and frontal protection up to	STANAG Level 3

