

MLRS EVOLUTION

Highest precision long range indirect fire

KNDS



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MLRS evolution performance characteristics

- Highly-mobile, highest precision and highest firing range artillery system
- Proven legacy launcher
- Highly-mobile tracked all terrain vehicle with top speed of 65 km/h
- Highest effective firing range of >80 km
- Precision fire for engagement of point targets in network joint fire support missions
- Rapid "Shoot & Scoot" (by fast electrical drives in parallel aiming)
- GPS guided high precision modern GMLRS rockets
- Autonomous GPS navigation
- Autonomous ammunition resupply with integrated loading boom
- Ready for future missiles

Technical Data

Dimensions LxWxH	6.97 m / 2.94 m / 2.59 m
Combat weight	~ 26.6 t
Engine Power	368 kW (500 HP) Cummins
Maximum speed	65 km/h (road)
Range	> 400 km (road) / > 200 km (terrain)
Effective firing range	< 84 km

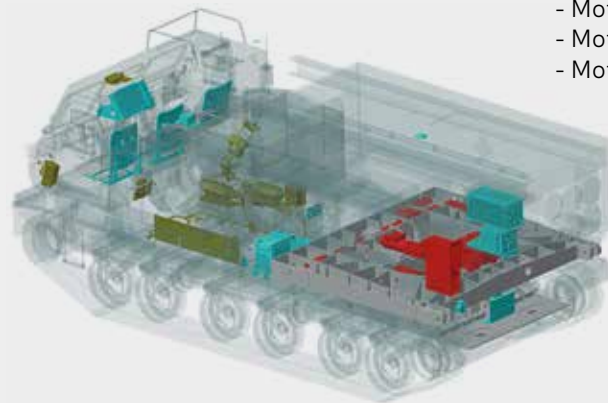
Ammunition	12 missiles in 2 rocket pod container; AT2 (Anti-Tank mines); M31 (GMLRS Unitary);
Rate of fire	12 rockets in ~ 60 seconds
Main weapon	<= 227 mm rockets
Ammo magazine	12 rocket in 2 rocket pod containers
Target engagement	Azimuth: > 180°, three fire directions;
Crew	3 soldiers in protected cabin
Protection	NBC

European Fire Control System (EFCS)

- Main Control Unit (MCU)
- Position Navigation Unit (PNU)
- GPS (ERGR + Antenna)
- Power Supply Unit (PSU)
- Launcher Control Unit (LCU)

Fire Extinguishing Unit (FEU)

- Sensors + Control Unit
- Fan break
- Nitrogen instead of Halon



Electric Launcher Drive System (ELDS)

- Motors + Control Units Elevation
- Motor + Control Unit Azimuth
- Motor Breaks

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