MLRS®

Ever-Evolving Family of Launchers

MLRS

MLRS CAPABILITIES

The M270 is a highly mobile, automated missile and rocket artillery system which offers manpower savings, massive firepower and survivability due to its armor and "shoot-and-scoot" capability. The M270 launcher is designed so its three-man crew can drive to a firing site, stop, conduct fire missions and quickly depart. An entire 12 GMLRS rocket load can be ripple-fired in less than one minute. Each rocket or missile is quickly and automatically fired by the fire control system, which re-aims the launcher after each shot. The crew can rapidly reload with two "six-pack" launch pod containers. The launcher also contains its own position determining system, which enables the crew to know its precise location at all times. This combat-proven, tracked mobile launcher uses a stretched Bradley chassis and gives the MLRS cross-country capability comparable to that of the M-1 tank.

SPECIFICATIONS

MAXIMUM WEIGHT:
29,982 kg (66,100 lbs)

LENGTH: 7.0 m (22.9 ft)

HEIGHT Stowed - 2.7 m (8.9 ft)
Elevated - 5.9 m (19.5 ft)

WIDTH: 2.9 m (9.8 ft)

FEATURES

- Homeland Defense/Border Security Attack Operations
- C-17 and C-5 transportable
- Three-man crew
- Deep attack fire support for heavy forces
- Rapid emplacement and quick reload
- Precision firepower against short-and long-range targets
- Integrated C2 that fires GMLRS, PrSM and ATACMS munitions

M270 VARIANTS

The original MLRS launcher, first fielded by the U.S. Army, was designated MLRS M270A0. More than 1,000 of the launchers were produced for the U.S. military, MLRS partner nations and other allies.

Lockheed Martin completed an upgrade of many M270 launchers to M270A1 variants in 2005 allowing for significantly faster launch procedures and firing of munitions, including GPS-guided rockets.

M270B/C/D: In 2006, upgrades and modifications began for some international countries which incorporated a Universal Fire Control System (UFCS) with the legacy drive system of the M270 and their country specific requirements.

In 2019, Lockheed Martin was contracted by the U.S. Army to upgrade older MLRS M270s to the M270A2 configuration. The Army's MLRS recapitalization effort will eventually upgrade its existing fleet of MLRS M270A1 launchers, and decommissioned M270A0s, to M270A2s. These launchers will be delivered with new engines, transmissions, launcher-loader modules, improved armored cabs and the new Common Fire Control System.

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