

LML-NG Lightweight Multiple Launcher - Next Generation



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LIGHTWEIGHT MULTIPLE LAUNCHER - NEXT GENERATION

The Lightweight Multiple Launcher - Next Generation (LML-NG) provides a cost effective multi-engagement capability against a wide range of threats. The system can be used on a tripod or vehicle mount and supports swift deployment of STARStreak or the Lightweight Multirole Missile (LMM). The system is designed to suit a wide range of missions from lightweight rapid reaction roles to air droppable operations.

When using the STARStreak missile with its extremely fast time of flight, a variety of threats can be defeated from head on or fast crossing aerial targets, to targets such as Unmanned Aerial Vehicles (UAVs) and helicopters. When used with the LMM a capability is provided to defeat surface targets such as Light Armoured Vehicles (LAVs), trucks and fixed installations and aerial targets such as UAVs. Both missiles utilise the Thales laser beam riding guidance system.

The LML-NG employs two missiles, enabling targets to be engaged in quick succession.

For portability, the LML-NG is made up of three separate parts; the tripod, the head assembly and the sensor assembly. The system is prepared for operation simply by erecting the tripod, fitting the head assembly, mounting sensor assembly and putting the missiles into position. LML-NG assembly is completed in a few minutes and is then ready for firing.

The LML-NG provides a 24 hour capability based on TV and Thermal Imaging cameras. A stabilised Laser Guidance system allows highly accurate target engagements, using either manual or Automatic Target Tracking (ATT) modes.

The Systems improved architecture supports linkages to a Command and Control network, to radar or passive surveillance sensors for target detection and acquisition. The command and control information can be displayed to both the Commander and the Operator.

FEATURES & BENEFITS

- Supports target engagement using STARStreak or LMM
- Lightweight portable system for easy deployment and transportation
- Easily deployed on light vehicles
- Can be linked to radar or passive sensors for surveillance, target detection and acquisition
- Rapid into action capability
- Rapid reaction and re-engagement
- 24 hour capability
- Can be fitted with Identification Friend or Foe (IFF)
- Field training options
- Manual or Automatic Target Tracking modes

SPECIFICATIONS

- Weight
 - Tripod 15 kg
 - Traverse Head 28 kg
 - Sensor Suite 21 kg
- System set up time
 - Two missile capability <2 minutes
 - Target detection to missile launch sequence <5 seconds
 - Re-engagement sequence <6 seconds
- Capability of operation in severe climate
 - (-30 °C to +60 °C), NBC and EMC conditions

