

LEONARDO ELECTRONICS

HITFIST® UL



The HITFIST® UL (Unmanned Light) is an unmanned medium caliber turret developed from the experience of the combat proven two man HITFIST® turret with particular emphasis on reduced dimensions and weights.

The HITFIST® UL integrates state of art the technologies for the main armament, electro optical sights and Fire Control System through solutions entirely developed and produced internally by Leonardo which guarantee a complete control over the supply chain.

The main feature of the system is its lightness and compact size which allow easy integration even on very light vehicles or with amphibious capabilities, maintaining high mobility and navigation ability.

The turret is equipped with a 30 mm automatic cannon with Air Burst Munitions capability as its main armament, and a 7,62mm machine gun coaxially mounted.

The turret can be controlled by 1 or 2 operators, according to the requirements, through a console made up of a display and 2 joysticks for each station that allow the complete control of the turret.

The Fire Control System, derived from the combat proven HITFIST®, allows day and night engagement of targets; the electrical, fully digital servo-systems and the stabilized line of fire ensure a high accuracy of fire, even against moving targets. The Fire Control System includes a stabilized Gunner Sight and a stabilized Panoramic Sight (both with day TV camera, IR Camera and an eye safe Laser Range Finder) with hunter-hunter, hunter-killer and killer-killer capabilities. Thanks to a NGVA architecture any Mission System NGVA compliant can be easily integrated.

The combination of 30 mm airburst programmable ammunition, a latest generation FCS and high-performance optical sights make it effective also in the C-UAS field against incoming drones.

The capability to load the main ammunition from inside the hull guarantees a high level of protection during all operational phases.

The turret can also include two Anti-Tank Missile Launchers, externally mounted, laser warning and smoke grenade protection.

KEY FEATURES

- Compact dimensions and light weight;
- Effective even against any asymmetric threats, such as drones;
- Capabilities to integrate Leonardo 30mm X-Gun with Airburst ammunition;
- Under armour reloading;
- NGVA Compliance system architecture

ARMAMENT

- Main armament: 30 mm with Programmable Air Burst Ammunition (more than 150 ready to fire rounds)
- Auxiliary armament
 - Coaxial machine gun: 1x7.62 mm
 - Smoke grenades launchers

SIGHT SYSTEMS

- Commander sight: stabilized, with Day and IR thermal cameras and eye-safe LRF
- Gunner sight: stabilized, with Day and IR thermal cameras and eye-safe LRF

SERVO SYSTEMS

- Training arc: Unlimited
- Elevation arc: $-10^{\circ}/+70^{\circ}$ ($+85^{\circ}$ for C-UAS application)
- Electrical and fully digital.



For more information:

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