

HITFIST®

Medium Caliber Manned Turret

The HITFIST® is a combat proven two man turret incorporating the latest technologies in the fields of armaments, sensors, electronics, protection and Man Machine Interface.

The HITFIST® is in service in more than 800 units in several Armies, integrated in several platforms wheeled and tracked employed in the recent operative scenarios.

The turret structure is made of ballistic aluminum alloy with integrated spall liner and add on armor are installed to reach the required ballistic protection level according to STANAG 4569. The reduced total weight make the HITFIST® turret suitable for installation on light vehicles also for amphibious operation and air-transportable. The turret is designed to guarantee the maximum degree of comfort and it is provide with anti-mine seats and other solutions to ensure crew protection against Mines and Improvised Explosives Devices.

The turret can be equipped with several main armaments 25 mm, 30 mm or 40 mm automatic cannon, electrically controlled for elevation, traversing and firing operations.

The armament can also include two Anti Tank Missile Launchers, side mounted with ballistic protection. The secondary armament is composed of a 7,62mm machine gun coaxially mounted, an external machine gun pintle mounted and a set of Smoke Grenade Launchers.

KEY FEATURES

- NATO qualified, combat proven, in production and in service;
- In service in more than 800 units with several Armies;
- Two man turret with 25 mm, 30 mm or 40 mm as main armaments and Anti Tank capability;
- Suitable for installation on light vehicles also for amphibious operation and air-transportable.

HITFIST® Fire Control System allows engagement of targets by day and night; the electrical, fully digital servo-systems and the line of fire primarily stabilized ensure a high accuracy of fire. 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-killer and killer-killer capabilities.

The HITFIST® is a state of art combat proven turret, based on the results of significant improvements that come from experiences from the field of different Customers in many warfare scenarios.

TECHNICAL INFORMATION

ARMAMENT	Main Armament	25 mm, 30 mm or 40 mm with Programmable Air Burst Ammunition (more than 220 ready to fire rounds)
	Auxiliary armament	• Coaxial machine gun: 1x7.62 mm • External machine gun: 1x7.62 mm or 1x12.7 mm • Smoke grenades launchers: 8 dischargers or according to end-user requirements
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
	Backup	mechanically linked for direct view
ELECTRICAL SERVO SYSTEMS	Training arc	Unlimited
	Elevation arc:	-10°/+60°
	Manual back up for traverse and elevation	
SURVIVABILITY	Internal spall liner and add on armor according to STANAG 4569	
	Anti-mine seats	
	Laser warning system	



→ The HITFIST® 25 mm turret in anti-tank configuration installed on the VBM Freccia of the Italian Army, during SPIKE ATGM launching test

→ HITFIST® turret deployed in Peace Keeping Operations on wheeled and tracked vehicle

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