

# HITFIST

## MEDIUM CALIBER MANNED TURRET

ELECTRONICS DIVISION



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.

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.

## 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.

## TECHNICAL DESCRIPTION

### 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: 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:  $-10^{\circ}/+60^{\circ}$
- › 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



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



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

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DS MM08764 05-21