

# HITFACT® MkII

## 105-120 MM

ELECTRONICS DIVISION



The HITFACT® MkII represents a new stage in the evolution of the combat proven HITFACT® family, the first Large Caliber Turret in the world equipped with an high pressure MBT gun installed on a 8x8 wheeled vehicle, exceeding the 500 units in service with several Armies.

The HITFACT® MkII has been modernized with the latest technologies available, in accordance with the future requirements for tracked and wheeled systems of modern Armies all over the world and taking advantage of the lesson learned on the various operational theatres by the different Users, including the usage in extreme environmental conditions.

The combination of the HITFACT® MkII turret frame, made of high performance ballistic alloy, and the low recoil force gun allows the installation on board of light wheeled vehicles and medium tanks, providing the User with the same fire power of a Main Battle Tank with great accuracy, without impairing tactical and strategic mobility.

In addition the turret can have a crew of 2 or 3 man and an automatic ammunition loading system, in accordance with the User requirement.

The HITFACT® MkII is a modular and light turret designed to integrate 105/52 mm rifled as well as 120/45 mm smoothbore low recoil force guns, secondary armament composed by different possibilities such as, 7,62mm coaxially mounted to the main gun, 12,7mm pintle mounted either manual or remotely operated (HITROLE® Light).

The ammunition for both the main and secondary armaments are placed separated from the crew compartment, in order to protect the operators from any possible event of deflagration. In addition the turret provides the Crew with enhanced safety against Mines and Improvised Explosive Devices.

The HITFACT® MkII digital Fire Control System includes stabilized Gunner and Commander electro-optical sights (both with Day and Night IR cameras and eyesafe laser rangefinder).

HITFACT® MkII, qualified and currently in production, is the state of art solution in terms of Firepower, Connectivity and Survivability.

## KEY FEATURES

- › NATO qualified, combat proven, in production and in service;
- › Main armament modularity: 105/52 mm as well as 120/45 mm;
- › Main armament low recoil force;
- › HITFACT® family exceeding 500 units in service with several Armies;
- › Suitable for light wheeled vehicles and medium tanks.

## TECHNICAL DESCRIPTION

### CREW

- › 2 or 3 man and an automatic ammunition loading system, in accordance with the User requirement

### ARMAMENT

- › Main armament: 120/45 mm, 105/52 mm
- › Auxiliary armament
  - › Coaxial machine gun: 1x7.62 mm
  - › Remote Weapon Station: HITROLE®
  - › External MG (Alternative to RWS): 1x7.62 mm or 1x12.7 mm
  - › Smoke grenades launchers: 8 dischargers

### AMMUNITION

- › All standard NATO according to STANAG 4385 and STANAG 4458
- › Anti blast ammunition compartment separated from crew
- › Loading system: manual or automatic

### 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: -7/+16

### SURVIVABILITY

- › Internal spall liner and add on armor according to STANAG 4569
- › Anti-mine seats
- › Laser warning system
- › Fire Extinguishing/Anti-Explosion system
- › Anti RC-IED

### COMMUNICATION AND BMS

- › Radio System: HF+VHF+UHF+UHF LB+SAT
- › Intercom: digital



The HITFACT® MkII can be installed on medium tanks and light wheeled vehicles



Firing capability in any position even on sloping terrain thanks to the low recoil FORCE cannon

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