

# HITROLE® LIGHT

ELECTRONICS DIVISION

## REMOTE CONTROLLED WEAPON STATION



HITROLE® Light is a lightweight Remote Weapon Station that can be fitted with 7,62 mm Machine Gun or 12,7 mm Machine Guns or a 40 mm Automatic Grenade Launcher. The flexibility provided by different calibers offers the capability to perform multi-role tasks like surveillance, patrolling in urban environment, border security, counter-sniper and asymmetric missions. Machine Gunner can operate the weapon system and observe day and night from inside the vehicle in a protected position.

Due to its light weight, compact size and an no-intrusive installation, HITROLE® Light can be easily installed on the roof of all types of vehicles including Utility Vehicles, Multirole Tactical Vehicles, Infantry Fighting Vehicle, as well as to Main Battle Tanks as secondary armament.

The weapons are primarily stabilized on two axis, and a universal ammunition box for the different calibers is fitted on the mount. HITROLE® Light Fire Control System consists of a modular sighting system including a Day TV camera, an Infra Red camera for night vision and an eye safe Laser Range Finder. Gun and electro optic can be independently moving with the capability to provide a non-threatening aspect for surveillance (barrel park 40° upper the sensor suite° ) in urban warfare.

HITROLE® Light FCS architecture is open and provides growth potential for system upgrade. Both sighting system and firing are operated from a protected position inside the vehicle through a multi function display and joystick. To ensure the maximum safety for the operator, also the recoking is made electrically from a protected position. The Machine Gunner is assisted by a Fire Control Computer with ballistic and cinematic computation. In an emergency HITROLE® Light can be manually operated.

### KEY FEATURES

- › NATO qualified, combat proven, in production and in service;
- › Possibility to install a large range of different weapons as 7.62mm, 12.7mm or 40mm AGL.
- › Electrical re-cocking
- › Compact Size, light weight and no-intrusive installation



The combat proven HITROLE® Light turret can be integrated on many platforms thanks to the light weight and no-intrusive installation

## TECHNICAL DESCRIPTION

### ARMAMENT

- > 12,7 mm Machine Gun - Browning 0.5 M2HB QCB HMG;
- > 7,62 mm Machine Gun - MG-3 o MG 42/59;
- > Automatic Grenade Launcher 40mm - AGL MK19

### AMMUNITION

- > Ready to fire 7,62mm ammunition > 700 rounds
- > Ready to fire 12,7mm ammunition > 250 rounds
- > Ready to fire 40mm ammunition > 60 rounds

### SIGHT SYSTEM

- > Day camera with continuous zoom
- > Uncooled IR camera
- > Eye safe laser range finder

### ELECTRICAL SERVO SYSTEMS

- > Training arc: nx 360°
- > Elevation arc: -20°/+70°

### DRY WEIGHT

- > With 7,62 mm ≈ 140 kg
- > With 12,7 mm ≈ 170 kg
- > With 40 mm ≈ 170 kg

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