



# OTO MELARA

A Finmeccanica Company

Land Systems

Turrets

5.56 - 7.62 - 12.7 - 40mm



## **HITROLE® Light RWS** **5.56 - 7.62 - 12.7 - AGL 40 mm**

HITROLE® Light is a state of the art lightweight Remote Weapon Station (RWS) performing multirole capabilities like surveillance, patrolling in urban environment and borders security, counter sniper and asymmetric missions.

Due to its light weight and innovative design, the RWS can be easily installed on all types of vehicles ranging from Utility Vehicles both tracked and wheeled to Main Battle Tanks as secondary armament. The HITROLE® Light is fitted on the vehicle roof without any penetration.

The main armament consists of a 5,56mm or a 7,62mm or a 12,7mm machine guns or a 40mm Automatic Grenade Launcher. The armament is primarily stabilized on two axis.

The HITROLE® Light FCS consists of a modular sighting system including a Day TV camera, an IR

camera for night vision and an eye safe LRF. The FCS architecture is open and provides growth potential for system upgrade. Both sighting system and firing are computer assisted and operated from a protected position inside the vehicle through a multi function display and joystick.

The Gunner is assisted by a Fire Control Computer (FCC) with ballistic and cinematic computation as well as an auto-tracker. All belted ammunition can be held in a standard ammunition boxes and to enhance mission performances, the digital servo system is based on Digital Signal Processing technology. The RWS is designed to keep down the power consumption in order to grant a very long mission period and it is EMC compliant to MIL-STD-461D.