



### **12.7 mm REMOTE CONTROLLED NAVAL TURRET MOD. 517 (MK19 40mm AGL)**

The Oto Melara 12.7mm naval turret is a modern system fully controlled from a remote station that allows the gunner to operate from a protected position within ship's structure: any operation, including loading and recocking, can be undertaken with maximum safety for the operator.

Low weight and high level of flexibility make this turret particularly suitable for installation as main armament of any small patrol vessel engaged in border control, maritime traffic interdiction or as a secondary armament on larger ships for self protection in the anti-terrorism role.

The turret is electrically operated and very accurate due to powerful digital servos.

The gunner operates the gun system via an advanced control console.

Sighting and tracking actions are performed by means of a high performance day TV camera provided with image magnification and a Ballistic Routine is available to provide aid while engaging moving targets. A laser spot, visible day and night, allows the gunner to check aiming at short distances meanwhile creating an intimidation effect.

Additional options include IL or IR sensors for night

operation as well as Laser Range Finder and Auto Tracker and the sensor suite is protected within a watertight shelter.

The Oto Melara 12.7mm turret is a stand alone system with stabilisation achieved via built-in Gyros system: no external signal is required by the turret from other ship systems.

Upon request, the 12.7mm turret can also be linked to other Electro-Optical sensors on board the ship and functional interface to ship's Combat Management System can also be provided.

For special operations the 0.50 cal. machine gun can be replaced with a 40mm Automatic Grenade Launcher (40mm AGL), capable of shooting 'non lethal ammunition'. The weapon replacement can be achieved in a few minutes with no need of any special tools.

Belted rounds are available for both the .50 machine gun and the 40mm AGL in standard ammunition boxes (110 rounds for the .50 machine gun and 32 rounds for the 40mm AGL).

An optional ammunition loading system can be fitted to increase the available 0.50 rounds up to a 400 total amount.