



127/64 LIGHTWEIGHT NAVAL GUN MOUNT

The Oto Melara 127/64 Lightweight (LW) Naval Gun Mount is a rapid fire gun mount suitable for installation on large and medium size ships, intended for surface fire and naval gunfire support as main role and anti-aircraft fire as secondary role.

The compactness of the gun feeding system makes possible the installation on narrow section crafts.

The gun can fire all standard 5 inch ammunition including the new Vulcano long range guided ammunition.

Modular automatic feeding magazines allow the firing of up to four different and immediately selectable types of ammunition; the magazines (four drums, 14 ready to fire ammunitions each) can be reloaded while the mount is in operation.

An ammunition manipulator system is available to transport projectiles and propelling charges from the main ammunition store to the feeding magazines which are automatically reloaded.

Ammunition flow is reversible, rounds can be unloaded from the gun automatically.

Digital and Analogical interface is available for any Combat Management System, also according to Corba protocol.

The 127/64 LW Naval Gun Mounts includes a Vulcano module acting twofold:

- Programmer for ammunition's fuse and guidance system.
- Mission Planning and Execution for Naval Fire Support Action (firing solutions, selection of ammunition, definition of trajectories and firing sequences, ballistic computations including standard ammunition etc.), as a stand alone or in interaction with ship's Network Centric Systems.