



MULTIPURPOSE NAVAL ROCKET LAUNCHER

The Oto Melara SCLAR-H is a remote controlled system suitable for launching any type of multipurpose ammunition. Special versions can fire rockets of calibre other than 105-mm - 118-mm which represents the standard size.

The launcher is designed for accurate deployment of decoys, thus providing passive defence for a ship against radar and IR homing missiles.

Typical modes of operation (at various ranges) include:

- confusion; (dilution)
- dissimulation, seduction;
- distraction;
- dump and centroid;
- range gate stealing;

SCLAR-H also provides visual fire control during night operations.

The main characteristics of the SCLAR-H are:

- Capability to simultaneously load different types of rockets (Chaff, IR, Illuminating);

- Automatic selection of the type of rocket to be fired;
- Continuous engagement action thanks to rapid reloading of launching units;
- Complete automatic control by the ship's EWS;
- Cooperation with other systems on board (jamming and CIWS);
- Full NBC capability (unmanned operation);
- Safe operation under all operational conditions;
- No deck penetration.

The SCLAR-H rocket launching system consists of a Fire Sequence Programme Unit (on the launcher), a Power Supply Cabinet and a Local Control Panel.

The Fire Sequence Programme Unit is activated by the Control Unit of the rocket launching system providing selection of the rockets to be fired as well as pre-setting of launching sequence.

SCLAR-H can also be employed in shore bombardment role.