

OTO
ODLS



MULTIPURPOSE NAVAL ROCKET LAUNCHER

The OTO Decoy Launching System (ODLS) is a remote controlled system suitable for launching different types of multi-purpose ammunition.

Special versions can fire rockets of calibres other than 105mm - 118mm which represent the standard size. The OTO ODLS is designed for accurate deployment of decoys, thus providing passive defence for a ship against radar and IR homing missiles. It can also be employed in a shore bombardment role.

Typical modes of operation (at various ranges) include:

- Confusion (dilution)
- Dissimulation
- Seduction
- Distraction
- Dump and centroid.

KEY FEATURES

Key features include:

- 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
- Safe operation under all operational conditions
- No deck penetration.

The OTO ODLS is composed of:

- Local Control Unit (LCU) that performs the interface with a ship's EWS: receives the launching orders by EWS and realizes the launching sequences
- Launcher Units (one or two units depending on the installation constrains). Every Launcher is equipped with a Power Supply Unit and a Local Control Panel.

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MAIN CHARACTERISTICS

Rate of fire	1 rocket/sec
WEIGHT	
Without rockets	1850kg
With 15 and 4 mortars	2400kg
Training arc	±150°
Elevation arc	0° to +55°
Training velocity/acceleration max	90°/sec (120°/sec ²)
Elevation velocity/acceleration max	60°/sec (90°/sec ²)
Ready-to-fire rockets and mortars	15 rockets and 4 mortars

