

# OTO ODLS

ELECTRONICS DIVISION

## 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:

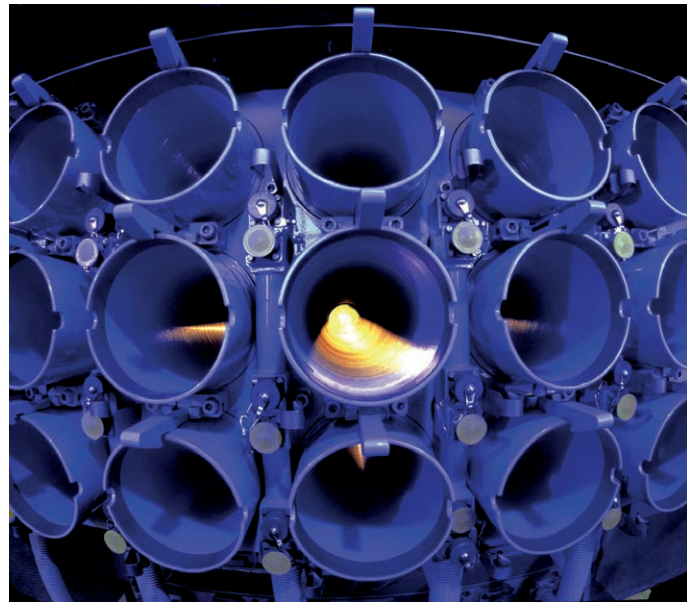
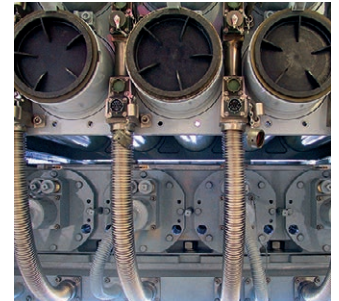
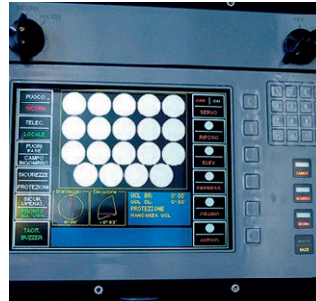
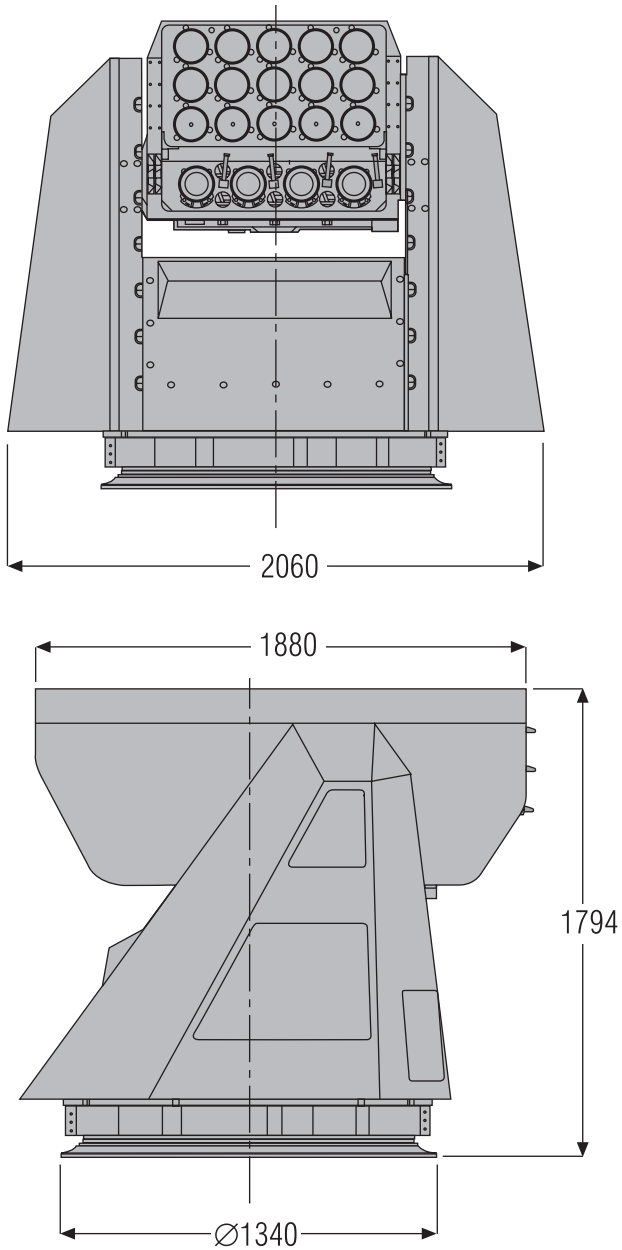
- › Confusion (dilution)
- › Dissimulation
- › Seduction
- › Distraction
- › Dump and centroid

### KEY FEATURES

- › 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.



## MAIN CHARACTERISTICS

- › Rate of fire: 1 rocket/sec

### WEIGHT

- › Without rockets: 1850kg
- › With 15 and 4 mortars: 2400kg
- › Training arc:  $\pm 150^\circ$
- › Elevation arc:  $0^\circ$  to  $+55^\circ$
- › Training velocity/acceleration max:  $90^\circ/\text{sec}$  ( $120^\circ/\text{sec}^2$ )
- › Elevation velocity/acceleration max:  $60^\circ/\text{sec}$  ( $90^\circ/\text{sec}^2$ )
- › Ready-to-fire rockets and mortars: 15 rockets and 4 mortars

For more information:  
[infomarketing@leonardocompany.com](mailto:infomarketing@leonardocompany.com)



[leonardocompany.com](http://leonardocompany.com)

Electronics Division  
 Via Lunga  
 2 25126 Brescia - Italy  
 T +39 030 37911  
 F +39 030 322115

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