

OTO

SINGLE 25MM KBA

ELECTRONICS DIVISION



The OTO Single 25mm KBA is a stabilised, electric servo-drive assisted naval gun, available in both unmanned or manned configurations.

It is suitable for easy installation, with no deck penetration, as primary weapon on small size vessels or as a secondary weapon on larger ships. Its main role is to neutralize targets in the Anti Surface Warfare, particularly in the Asymmetric Warfare or Mine Defence scenarios.

The high rate of fire of the OTO 25mm KBA cannon also offers a capability in very close Anti Air Defense.

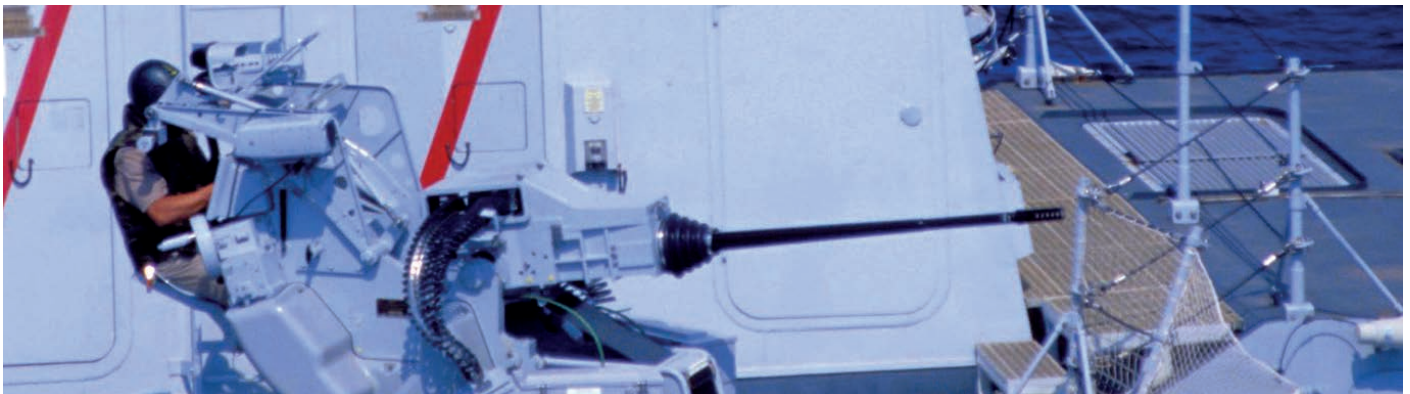
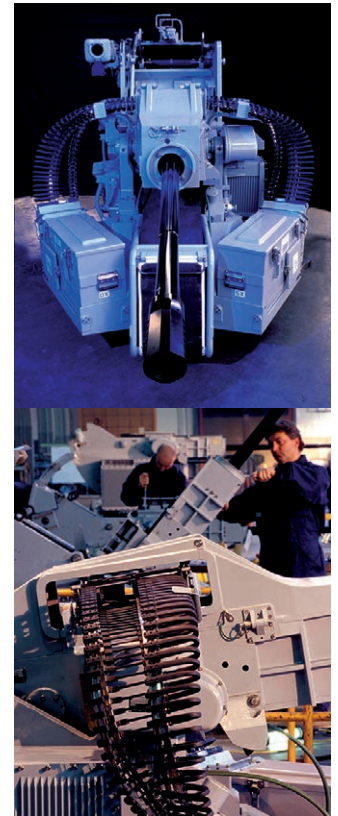
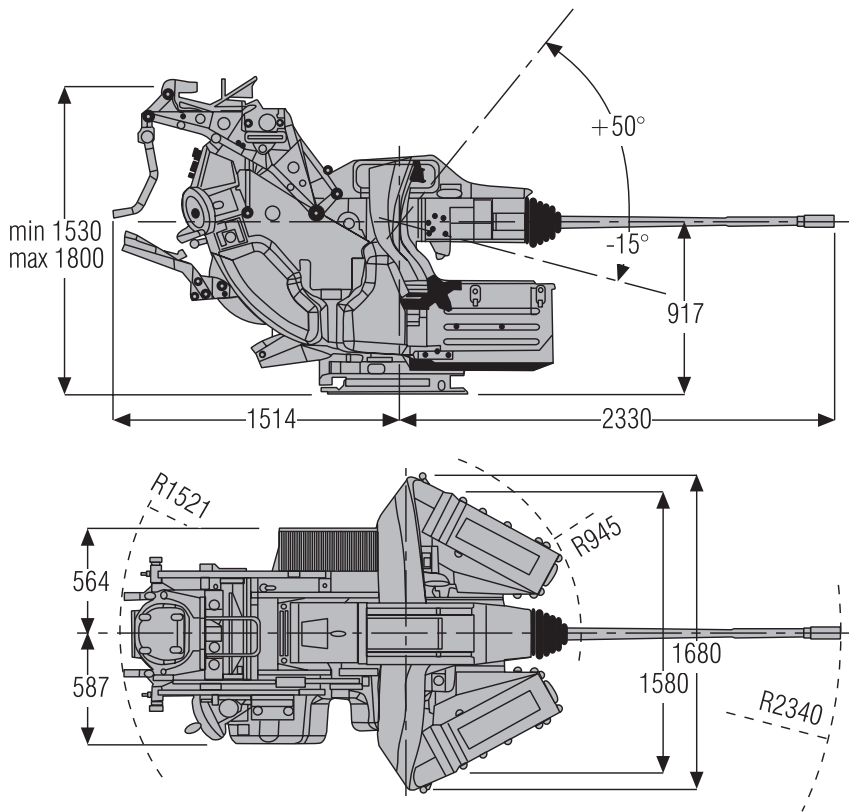
Weapon control is specifically designed to allow the gunner to remain steady at any barrel elevation, laying the gun with the maximum accuracy even against targets at maximum elevation, always according to a very easy and comfortable way of operation. Servo-drives are operated through an ergonomic gun control handgrip.

In both unmanned and manned configurations, the gun is accurately stabilised in training and in elevation, resulting in extremely effective engagement of any type of target.

The sight support mechanism allows the gunner to operate on a suitable seat, keeping the sight at an adjustable eye level.

A conventional aiming system is fitted to the mount, but an IR sight with integrated ballistic reticule is also available. Rechargeable batteries allow independent operation from ship power supply for half an hour in a standard operational cycle and, additionally, the gun can be fully manually controlled.

The integrated automatic cannon is an Oerlikon 25mm KBA, firing full calibre HE-T (High Explosive), TP-T (Training Practice) and sub-calibre FASPS (Frangible Armour Piercing Discarding Sabot) for extended range operations.



MAIN CHARACTERISTICS

› Rate of fire 570 rds/min

WEIGHT

- › Ready to fire 1200Kg
- › without ammunition 1050Kg
- › Training Arc 1 x 315°
- › Elevation Arc -15° to +50°
- › Ready-to-fire-rounds 252 rounds

ELECTRICAL DATA

- › Batteries Standard lead battery, 24V
- › Recharge From ship's network

AMMUNITION

- | | | | |
|-------------------|---------|---------|---------|
| › Types | HEI-T | TP-T | FAPDS |
| › Muzzle velocity | 1100m/s | 1100m/s | 1335m/s |

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