MULTIPURPOSE NAVAL MOUNT

The OTO Single FAST FORTY is a new generation naval weapon which has been designed to satisfy the requirements of full automation, quick reaction time, high reliability, easy installation (no deck penetration required) and easy of maintenance.

The characteristics of the OTO Single FAST FORTY make it particularly suitable for operation against targets such as surface threats, fast attacking aircraft, anti-ship helicopters and fast surface crafts (asymmetric warfare) as well as for non lethal warning fire.

The weapon is fitted with a 40mm cannon providing high rate of fire, high accuracy and two automatic ammunition feeding systems providing the plentiful availability of two different types of round ready to fire.

In ‘Remote Control’ mode the OTO Single FAST FORTY is linked to the ship’s Command Management System (CMS) and excellent performance is ensured by very short reaction time and high accuracy of control system. The latest generation of digital architecture meets the requirements of modern CMS - LAN technology.

In ‘Local Mode’ the OTO Single FAST FORTY is equipped with a modern Electro Optical (EO) System providing a daylight camera, high performance infrared camera and Laser Range Finder.

Local control can be provided with a multifunction gunner console directly linked to the EOS. Additional functions such as ballistic prediction calculation (high accuracy computation provided by an on-board muzzle velocity radar) and target tracker are also available.
MAIN CHARACTERISTICS

**Caliber**
40mm L70

**Rate of fire**
- Full rate up to 450 rds/min
- Low rate up to 120 rds/min single shot

<table>
<thead>
<tr>
<th>Weight</th>
<th>Type A</th>
<th>Type B</th>
<th>Type C</th>
</tr>
</thead>
<tbody>
<tr>
<td>With ammunition</td>
<td>3650Kg</td>
<td>3950Kg</td>
<td>4000Kg</td>
</tr>
<tr>
<td>Without ammunition</td>
<td>3300Kg</td>
<td>3600Kg</td>
<td>3650Kg</td>
</tr>
</tbody>
</table>

**Training arc**
- unlimited

**Elevation arc**
- -13° to +85°

**Training speed/acceleration max**
- 130°/sec (200°/sec²)

**Elevation speed/acceleration max**
- 75°/sec (200°/sec²)

<table>
<thead>
<tr>
<th>Ammunition</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>144 rounds (72+72)</td>
</tr>
<tr>
<td>Feeding mechanism</td>
<td>fully automatic, dual</td>
</tr>
<tr>
<td>Maximum range</td>
<td>12500m</td>
</tr>
<tr>
<td>Maximum height</td>
<td>8700m</td>
</tr>
</tbody>
</table>

**TYPE A - REMOTE CONTROL**
The 40L70FF Single Naval Mount Type A consists of an unmanned mounting capable to be controlled exclusively by an external Combat Management System (CMS).

**TYPE B - LOCAL CONTROL**
The 40L70 FF Single Naval Mount Type B can operate unmanned as A-type, furthermore allows the gunner on board (in the gun house using manual controller and aims through a natural line of sight) to withstand in the emergency condition.

**TYPE C - REMOTE CONTROL WITH MICRO FIRE CONTROL SYSTEM (MFCS)**
The Type C is an improved version of the Type A by means of an on board integrated Micro Fire Control System (MFCS) directly controlled by an off mount remote Control Console.

The main MFCS features are: line of sight independent from line of fire, zoom magnification, auto-tracker (optional) and ballistic computation.