HISTORY
The RBS15 Missile System family was originally designed to counter the most advanced threats of the Cold War era. It was developed using an evolutionary process, combining proven technology with the latest modern breakthroughs to create a state-of-the-art system for defence forces around the world.

Littoral capability was in high demand from the start, and this is reflected in the innovative basic design. Electronic Warfare was one of the dimensioning threats against the missile, so substantial efforts were put into countering it. In-house electronic warfare simulators were also used to continuously hone the RBS15's ECCM performance.

The missile's design allows for it to be upgraded in order to meet the threats of the modern day and the future. By enabling enhanced performance within an existing weapon system, the missile's lifecycle costs have been reduced even further.

For over 20 years, Swedish and Finnish FAC and Corvettes, as well as a number of coastal batteries, have deployed the RBS15 in its various versions. User experiences have shown that the RBS15 is a reliable anti-ship missile system that delivers a high level of performance. With the addition of the RBS15 Mk3 and RBS15F ER, this missile family has never been stronger or more capable.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>RBS15 MK3</th>
<th>RBS15F ER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>Length</td>
</tr>
<tr>
<td>4.33 m</td>
<td>4.35 m</td>
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<tr>
<td>Fuselage diameter</td>
<td>Fuselage diameter</td>
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<tr>
<td>0.50 m</td>
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<tr>
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<tr>
<td>1.40 m</td>
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<tr>
<td>Missile flight weight</td>
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<tr>
<td>670 kg</td>
<td>approx. 600 kg</td>
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</table>

KEY COMMON FEATURES
- Unparalleled range
- Leading ECCM capability
- Excellent littoral performance
- All-weather capability
- Sophisticated target discrimination and selection
- Unrivalled sea-skimming ability
- Extremely flexible trajectory with multiple 3D waypoints
- 200 kg warhead
**FLEXIBLE AND DEADLY**

The RBS15 Missile System family is one of the market’s most flexible and deadly armaments. The RBS15 Mk3 and RBS15F ER missile systems provide unparalleled defence penetration, range and destruction of a multitude of targets, helping you to combat the threats of today and tomorrow.

For almost 30 years, the RBS15 missile family has provided fleets, coastal batteries and air forces with advanced sea targeting capabilities. Today, with the incorporation of land target capability, the RBS15 Mk3 is the world’s most advanced, long range, surface-to-surface missile system, and is used by a number of navies as a main surface armament.

The latest air-to-surface version of the weapon – the RBS15F ER – is now available. It is capable of operating in any naval scenario, including anti-ship engagements in both littoral and blue water conditions.

The RBS15 missile service programmes cover lifetime system and performance upgrades to meet future threats. The flexible maintenance programme also facilitates customer optimised solutions.

**RBS15 Mk3**

**ANY TARGET**

**ANY CONDITIONS**

The RBS15 Mk3 is the most modern surface-to-surface missile system available on the market. A long-range system, it is excellent as a main anti-surface armament for any type of naval vessel. It is designed to operate in a diverse range of scenarios, from anti-ship engagement in blue waters and littorals to land attack missions.

**LONG RANGE, HIGH-ImpACT WEAPON**

Outclassing its competitors, with a range of more than 200 km, the RBS15 Mk3 offers greater stand off and defence penetration capabilities.

Unbeatable defence penetration is achieved through the unique combination of an advanced active radar seeker with built-in Electronic Counter Countermeasures (ECCM), low sea-skimming, random manoeuvres and increased thrust in the terminal phase. Its long range combined with a large number of horizontal and vertical waypoints mean that the operator can make tactical use of its flexible trajectory as well as using the missile for over-the-horizon targeting.

The missile’s large and lethal 200 kg blast and fragmentation warhead is triggered by delayed impact or proximity fuze function, causing a devastating impact on any target, including large naval vessels.

**STATE-OF-THE-ART CAPABILITIES**

The RBS15 Mk3 allows for true fire and forget operability in all weather conditions, thanks to its advanced pre-launch programmable active radar seeker. Mission planning is performed through the Missile Engagement Planning System (MEPS), which provides the operator with built-in decision support and advanced salvo firing management.

In combination with high system readiness, the missile system facilitates rapid reaction response to any threat. The flexible trajectory, low radar and IR signature, advanced defence penetration and the ability to perform a series of evasive manoeuvres – including re-attack if necessary – gives the missile a very high hit probability.

The RBS15 Mk3 is produced and marketed by Saab Dynamics, Sweden, and DfiT BGT Defence, Germany. It is now entering service with the German and Polish navies, and has been contracted for the Swedish Navy.

**RBS15F ER**

**SUPERIOR RANGE**

**SUPERIOR PRECISION**

The RBS15F ER is the latest generation air-to-surface model of the RBS15 family and can be deployed from both fighter and reconnaissance aircraft against a multitude of targets.

The RBS15F ER improves upon the world-leading RBS15F, Saab’s long-range, air launched anti-ship missile. It has seen extensive service with the Swedish Air Force and has also been sold to the international market.

Designed to operate in all scenarios, the extended range and flexible trajectory of the RBS15F ER makes it suitable for a wide spectrum of threat scenarios – including land-based targets.

With twice the range of the original RBS15F, all weather capability, a high-hit probability and a devastating 200 kg warhead, the RBS15F ER outperforms the competition and enables swift and accurate attacks from over 200 km away.

**ADVANCED TARGETING AND NAVIGATION**

The RBS15F ER is a fire-and-forget, anti-ship cruise type missile. The missile’s long flight range, over-the-horizon targeting and extremely flexible trajectory allow pilots to achieve a greater stand-off than ever before. The passive midcourse guidance, combined with GPS and INS navigation, allow the reduced signature missile to have a stealthy approach to the target area. Its active radar target seeker, along with outstanding Electronic Counter-Countermeasures (ECCM) features, advanced random terminal phase manoeuvres and extremely low sea-skimming ability, gives the missile outstanding defence penetration capabilities.

**FLEXIBLE MISSION PLANNING**

The missile’s modular design allows for easy integration and installation on a variety of aircraft, from fighters to Maritime Patrol Aircraft. For fighters, the mission parameters are pre-programmed at the base in a Missile Engagement Planning System, where the resulting mission is then fed into the fighter’s tactical system. The pilot is also given the ability to adjust the settings of the mission in flight.

On board Maritime Patrol Aircraft, the system includes an advanced graphic user interface with decision support, enabling the crew to fully utilise the missile capabilities in-flight for quick response situations and targets of opportunity.

The RBS15F ER’s design allows for a 30 year service life with only one major overhaul required. This allows the missile to be upgraded against potential future threats.