

AIR DEFENSE MISSILE SYSTEM SBG.



SBG Air Defence Missile System has been developed for the short-range air defense of moving/ stationary troops and facilities located in the battlefield and its surroundings.

SBG Air Defence Missile System has been developed to be compatible with different platform integrations.

SYSTEM SPECIFICATIONS SBG

- Longest Range in its Class
- Lock-on before Launch via Imaging Infrared Seeker

- High-Explosive Partial Piercing Warhead and Direct Attack
- Minimum Flight Time
- Platform integration
- User Friendly Solution with a Viewing and Tracking Screen [Seeker, Thermal Target Footage]
- Easy Target Acquisition and Launch through Voice and Symbology Instructions
- Asymmetric Battle Capability
- Integrated with Air Defence Early Warning Command and Control System [HERIKKS-6]
- Identification Friend or Foe [IFF] Equipment [Upgradeable - Mechanical Connection]



TECHNICAL SPECIFICATIONS SBG

Performance	
Maximum Range	8 km
Minimum Range	500 m
Altitude	Up to 4 km [Sea Level]
Types Of Targets	Fixed-Wing Aircraft Unmanned Rotary-Wing Aircraft [UAV]
Operation Mode	Lock-On Before Launch [Fire-And-Forget]

Seeker

- ▶ Lock-on Before Launch
- ▶ Resistant to Countermeasures
- ▶ Automatic Target Tracking
- ▶ ±40 Degree Visual Angle

Warhead

- ▶ High Explosive, Semi Armor Piercing Warhead, Initiated By Programmable Impact Fuze
- ▶ [Insensitive Munition, Type 4, Fuel Fire & Bullet Attack]

Engine

Launch Engine	Separation in The Launch Tube [Insensitive Munition, Type 4, Fuel Fire and Bullet Impact]
Flight Engine	Two-Stage Solid Propellant Rocket [Insensitive Munition, Type 4, Fuel Fire and Bullet Impact]

Guidance And Control

- ▶ Terminal Guidance via IIR [Imaging Infra-Red]
- ▶ High Maneuverability and Rapid Performance Capability

LAUNCH PLATFORMS

Platform Types Land and Naval Platforms and Unmanned Aerial Vehicles