



40 MM HARD-KILL SYSTEM

#C4I



REMOTE CONTROL
AUTOMATIC TARGET DETECTION AND TRACKING
HIGH ACCURACY STABILIZATION
FIRE CONTROL ALGORITHMS
ATOM 40 MM HIGH VELOCITY AIRBURST GRENADE USE
EFFECTIVE AGAINST MINI/MICRO UAVs
USER FRIENDLY INTERFACE



aselsan

40 MM HARD-KILL SYSTEM

Advanced Capabilities That Define the Edge

- Fully remote-operated system for maximum operational flexibility
- State-of-the-art electro-optical suite with high-precision stabilization
- Intelligent target detection and autonomous tracking for both air and ground threats
- Smart fire control algorithms optimized for dynamic combat environments
- Fires ATOM 40 mm High Velocity Airburst Grenade(ATOM 40 ABM) for superior lethality
- Proven effectiveness against mini and micro UAVs
- Operational engagement range up to 700 meters
- Seamless integration with external radar systems for real-time target cueing
- All-weather, day and night combat readiness
- Exceptional stabilization ensures pinpoint targeting, even on the move
- Intuitive graphical interface designed for rapid situational awareness
- Dual-feed display of TV and thermal camera views for enhanced visibility
- Hassle-free ammunition loading for sustained operations
- Modular, scalable architecture tailored for mission-specific requirements
- Engineered for reliability under the toughest conditions
- Compact design for rapid deployment and easy transport



Technical Overview

- Weapon System : 40 mm MK19 Mod3 grenade launcher
- Ammunition : ATOM 40 ABM
- Ammunition Load : 64 rounds
- Elevation Range : -10° / +60°
- Traverse Limit : n x 360° (continuous rotation)
- Power Supply : 220 VAC
- Power Draw : ≤ 2 kW
- System Weight : < 2500 kg
- Dimensions (WxLxH) : 2450 x 3720 x 2675 mm

Mission-Driven Applications

- Protection of critical infrastructure and high-value assets
- Tactical border surveillance and threat neutralization
- Layered air defense integration
- Counter-UAV operations against agile mini/micro drones

Integrated System Components

- Stabilized turret for smooth tracking and firing
- Precision-stabilized gimbal for optimal sensor performance
- Multi-spectral sensor suite: TV camera, thermal imager, and laser range finder
- Onboard mission computer for autonomous control
- Unified power, gun, and servo management module
- Muzzle programming and launch assembly
- Rechargeable battery unit
- AC/DC power converter
- Ergonomic command console
- Environmental and meteorological sensor for firing accuracy

ŞAHİN 130/40GL delivers the ultimate combination of speed, accuracy, and adaptability — engineered to dominate in complex threat environments. Whether stationary or on the move, ŞAHİN is ready to detect, decide, and destroy.

