KORKUT 140/35

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VERY SHORT RANGE AIR DEFENSE SYSTEM

#AirDefense



SHORT RANGE AIR DEFENSE OF STATIONARY AND MOBILE UNITS
STABILIZED GUN TURRET WITH FIRING-ON-THE-MOVE CAPABILITY
4 KM EFFECTIVE RANGE WITH 35 MM ATOM PROGRAMMABLE AIRBURST AMMUNITION
TARGET ACQUISITION, IDENTIFICATION & TRACKING WITH 3D SEARCH RADAR
AUTOMATIC TARGET TRACKING WITH TRACKING RADAR AND E/O SENSORS

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KORKUT 140/35 Air Defense System is developed for the effective air defense of mechanized troops and mobile units. KORKUT 140/35 Air Defense System operates as platoons consisting of 3 Gun Systems and 1 Command & Control System.

KORKUT 140/35 Gun System has capability of firing programmable airburst ammunition (ATOM 35 ABM) which is developed by ASELSAN. ATOM 35 ABM and ATOM 35 I-ABM, which is an upgraded version with increased number of particals, highly improves the effectiveness of ground-based air defense against modern air threats including air-to-ground missiles, cruise missiles and UAVs.

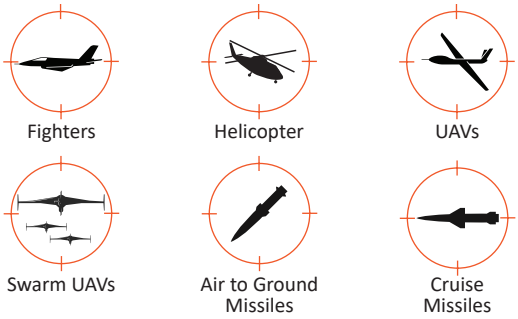
General Specifications of Command & Control Vehicle

- Mission Execution with Armored Mechanized Troops
- Command & Control of KORKUT Gun Systems
- Target Acquisition, Identification & Tracking with 3D Search Radar
- Advanced Threat Evaluation and Weapon Assignment Algorithms with local air picture generation
- Coordinated Operation with Higher Echelon C2 Units
- Integrated Identification Friend or Foe (IFF) System
- Command and control functionality and interfaces can be implemented for other air defense systems

General Specifications of Gun System

- Stabilized Gun Turret with firing-on-the-move capability
- High performance Fire Control Radar and Electro/Optical Sensors for target tracking
- High fire-power with 35mm twin gun
- Automatic Linkless Ammunition Feed Mechanism (ALAFM) with the ability to switch between two different types of ammunition
- Effective use of Air Burst Ammunition against Fixed/Rotary Wing Aircrafts, Cruise Missiles, Air-to-Ground Missiles and Unmanned Aerial Vehicles (UAVs)
- Coordinated Operation with Higher Echelon C2 Units
- Advanced fire control algorithms

Target Set



Technical Specifications

Fire-Power	: 1100 rpm
Effective Range	: 4 km
Fighter Track Initiation Range	: > 35 km
Ready-to-Fire Ammunition	: 200 rounds
Max Road Speed	: > 105 km/h
Gradient	: 60%
Side Slope	: 30%

Specifications are subject to change without any notice. | All tolerances are within ±10%.



CALL CENTER +90 850 360 10 30 | P: +90 (312) 592 10 00 F: +90 (312) 354 13 02 | sstmarketing@aselsan.com

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