



MOBILE LASER WEAPON SYSTEM

#AirDefense



HARD KILL - SOFT KILL THREAT NEUTRALIZATION WITH
MINIMUM POWER AND MAXIMUM EFFICIENCY

HIGH QUALITY LASER BEAM

ADVANCED TARGET DETECTION AND TRACKING

SUSTAINED FIRING CAPABILITY OVER LONG DURATIONS WITHOUT RECHARGING



aselsan

MOBILE LASER WEAPON SYSTEM

GÖKBERK 100/5 mobile laser weapon system is an air defense solution mounted on a 6x6 tactical wheeled platform, designed to provide both soft kill and hard kill neutralization against short range aerial threats. GÖKBERK's primary areas of use are land platforms, power plants, critical facilities, military bases and convoy protection.

Integrated onto a 6x6 wheeled platform, the system combines the İHTAR anti-drone system with a 5kW laser weapon system. While the laser weapon subsystem includes a 5 kW laser source, focusing unit and active tracking camera, the İHTAR subsystem includes AURA 100-G radar and RF jammers.

General Specifications

- Target detection, identification and tracking
- Physical target destruction (Hard kill) with laser weapon subsystem
- Soft-kill target neutralization with İHTAR subsystem
- Ability to operate in urban areas
- Mobile deployment capability
- Day and night operational capability
- Modular platform design with scalable power levels
- Highly cost-effective engagement per shot
- High precision stabilization

Target Set



Fixed and Rotary
Wing Class 1
Mini-Micro UAVs



Improvised
Explosive
Devices (IEDs)

Technical Specifications

- High Power Laser Weapon : Up to 5 kW
- Beam Quality (M^2) : <2
- Focusing Capability (min-max) : 150 mt - 2 km
- Video Tracking Accuracy : $<10 \mu\text{rad}$
- High Accuracy Stabilized Gymbal (TV Camera, Thermal Camera, Active Tracking NIR Camera, Laser Range Finder, Illumination Laser and Focusing Unit)

