

ALKON 122 LASER



ALKON 122 LÁSER GK is a universal guidance kit for 122mm rockets with dual GNSS+LASER guidance. Its sensors and guidance algorithms improve the original rocket's accuracy from the first shot, achieving a CEP of less than three meters and guaranteeing mission success, even in denied environments.

ALKON 122 LASER

ALKON122LASER optimizes operational efficiency by reducing the number of shots needed to complete a mission while minimizing collateral damage and reducing the logistical footprint, **ensuring greater protection for allied forces and civilian environments.** This guidance system significantly improves the effectiveness of contemporary military operations.

CEP* Circular Error Probable



Technical data

ALKON 122 LASER

Advantages



Unguided ammunition upgrade

ALKON 122 LASER allows the use of conventional 122 mm caliber artillery rocket arsenals. Compatible with the original fuse.

Adaptation

Designed with a universal interface to fit any 122 mm rocket or as a fuse replacement kit. ALKON reduces the dispersion radius to less than 3 m. Easy to handle and deploy. Suitable for all weather conditions.



Accuracy

ALKON offers a substantial improvement in accuracy from the first shot, drastically reducing the dispersion radius, optimizing firing effectiveness, and minimizing the number of shots required and collateral damages.

ALKON guidance kit

- **Autopilot:** Proprietary GNSS-based system with laser terminal guidance.
- **Launcher:** Compatible with single-tube launcher or multi-tube canister.
- **Platform:** 122-caliber artillery rockets. Type 9M22U or similar.
- **Range:** Depending on the rocket, between 20 and 40 km.
- **Flight control:** Four independently controlled fins.
- **Laser:** Tuned to 1064 nm, compatible with STANAG 3733
- **Accuracy:** CEP <3 m.
- **Increased exposed length:** <375 mm.
- **Detonation modes:** Dependent on the original fuse – Pressure detonation (PD).
- **Weight:** 5,500 g.
- **Mechanical Interface:** Customized universal interface does not require modifications to the ammunition.
- **Alkon Mission Control System:** Ruggedized with a user-friendly application.