

ROTEM ALPHA

Anti-Tank Vertical Take-Off and Landing (VTOL)
Tactical Loitering Munition (LM)



Where Courage Meets Technology

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Bringing next level Anti-Tank dominance to the battlefield.

Used by a variety of forces for a wide range of missions, the ROTEM Alpha loitering munition is deployed for operations on land, coastlines, naval ships, and other scenarios. ROTEM Alpha VTOL LM has a range of tens of kilometers and long mission endurance both in the air and while parked in perch mode. ROTEM Alpha flies and hovers in a low-altitude profile to build battlefield situational awareness and executes the attack against armored targets, despite adverse weather conditions.

Carried in a backpack, or deployed from a vehicle, the ROTEM Alpha is ready for take-off in less than two minutes. As a VTOL platform, it can be launched and landed between trees, structures, and other harsh terrain. A single operator controls the ROTEM Alpha via a Ground Control System (GCS). The operator can command the ROTEM Alpha to perch on a building or hill until the enemy rears its head, then surprise ambush the enemy. ROTEM Alpha can hover over a certain area mid-air, scan for the target, and wait for operator's command to attack. If no target is chosen or operator decides to abort, the ROTEM Alpha is recoverable.

This ROTEM Alpha is a hunter-killer that leaves no room for the enemy to escape.

Highlights:

- Neutralizes tank-grade targets among other armored targets
- Electro-optic day and night sensor
- Long mission endurance in air and perch mode
- Recoverable
- Conveniently carried in a backpack
- Transported easily by foot or vehicle
- Perches for hours and ambushes upon command
- Cost-effective in class



Warhead	Shaped charge and shrapnel (penetration >600mm RHS)
Seeker	Multi-sensor EO/IR and acoustic sensor suite
Range	Tens of Kilometres
Flight endurance	up to 1hr
Typical altitude	800ft
Take-off weight	25kg
Perch mode	24hrs