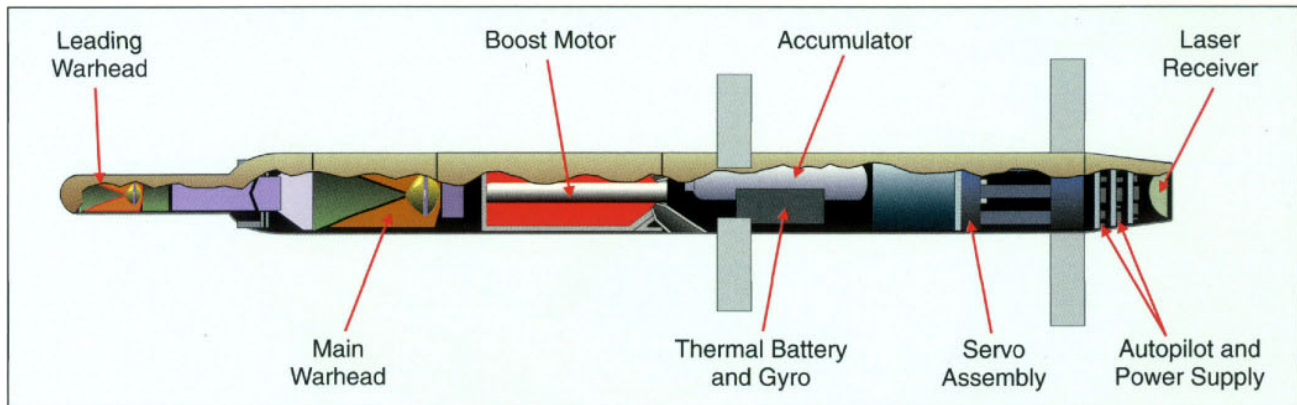


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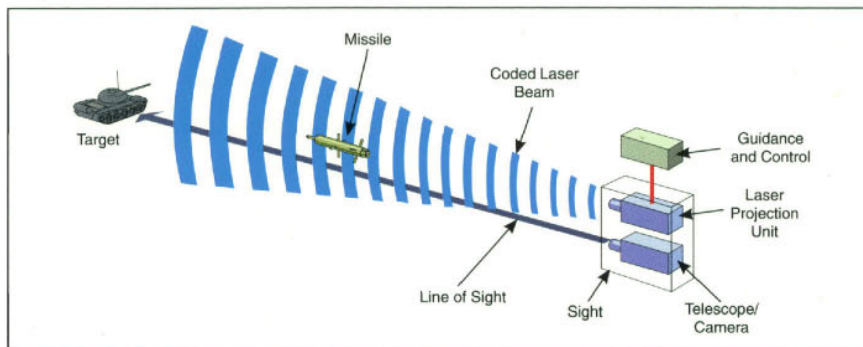
Heavy, Long-range, Anti-armour Missile



Principle of Operation

Ingwe uses laser beam-riding guidance. The missile automatically determines its own position in the laser beam and manoeuvres onto the line of sight. The missile follows the line of sight until the target is hit. The hollow-charge tandem warhead ensures effective target neutralization.

The sighting system can vary from a non-stabilized optical sight for light vehicles to a more complex and integrated stabilized day/night sight for moving platforms such as helicopters. Automatic target tracking modules can be added to ensure fully automatic missile guidance after target lock-on by the operator.



System Description

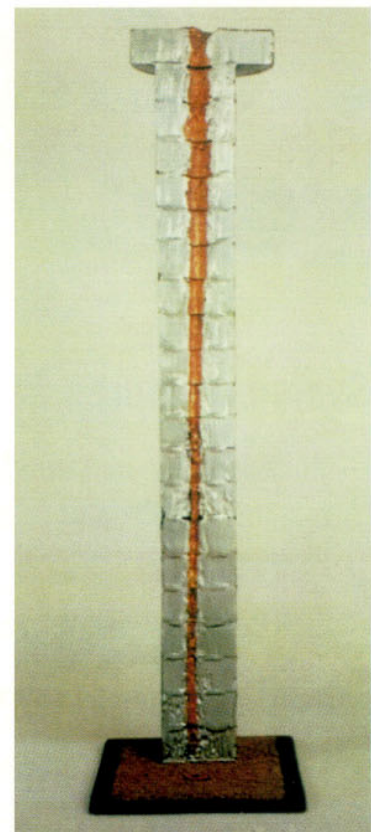
The system is designed to ensure that it can easily be installed on most aircraft in either standard two- or four-missile configuration.

Electrical integration with the aircraft avionics is either via a 1553B bus or via an aircraft-mounted Fire-control Processing Unit (FCPU) in earlier generation aircraft.

Other platform options include heavy IFV turrets fitted with stabilized sighting systems, to light vehicle and even tripod-mounted solutions.

Technical Data

- Missile mass : 28,5 kg
- Missile diameter : 127 mm
- Missile length : 1 750 mm
- Penetration : up to 1 000 mm in RHA (with ERA)
- Range : 250 m to 5 000 m



Actual Penetration in RHA

