

# MONGOOSE

A Family of Hard-kill, Active Protection Missiles



The Mongoose hard-kill active-protection missile enhances the protection of a variety of vehicles when integrated with the SAAB Avitronics LEDS150<sup>TM</sup> Active-protection System. The missile is launched from the LEDS150<sup>TM</sup> high-speed directed launcher at incoming threats.

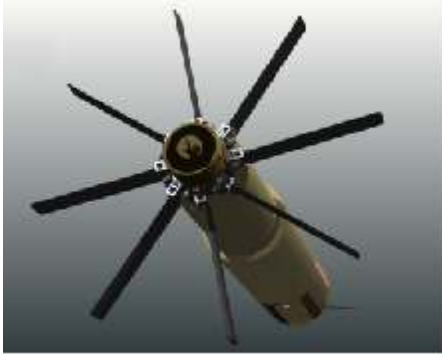
DENEL DYNAMICS

**DENEL DYNAMICS, a Division of Denel (Pty) Ltd.** Reg No. 1992/00133/07  
Nellmapius Drive, Irene, P O Box 7412, 0046, Centurion, South Africa.  
T: +27 (0)12 671 1001, F: +27 (0)12 671 1779  
E: [market@deneldynamics.co.za](mailto:market@deneldynamics.co.za)  
[www.deneldynamics.co.za](http://www.deneldynamics.co.za)





An advanced munition confirmation and tracking sensor is allocated to each launcher to detect and track threats, using a combination of radar and electro-optical sensing. This two-way sensor arrangement provides a very low false alarm rate and a highly accurate intercept solution.



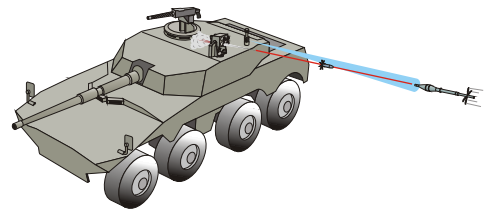
## HARD-KILL SYSTEM FEATURES

- Unique warhead and fuzing technology, resulting in an extremely high kill probability.
- Quick reaction allow for superior performance against short range threats.

## MONGOOSE 1

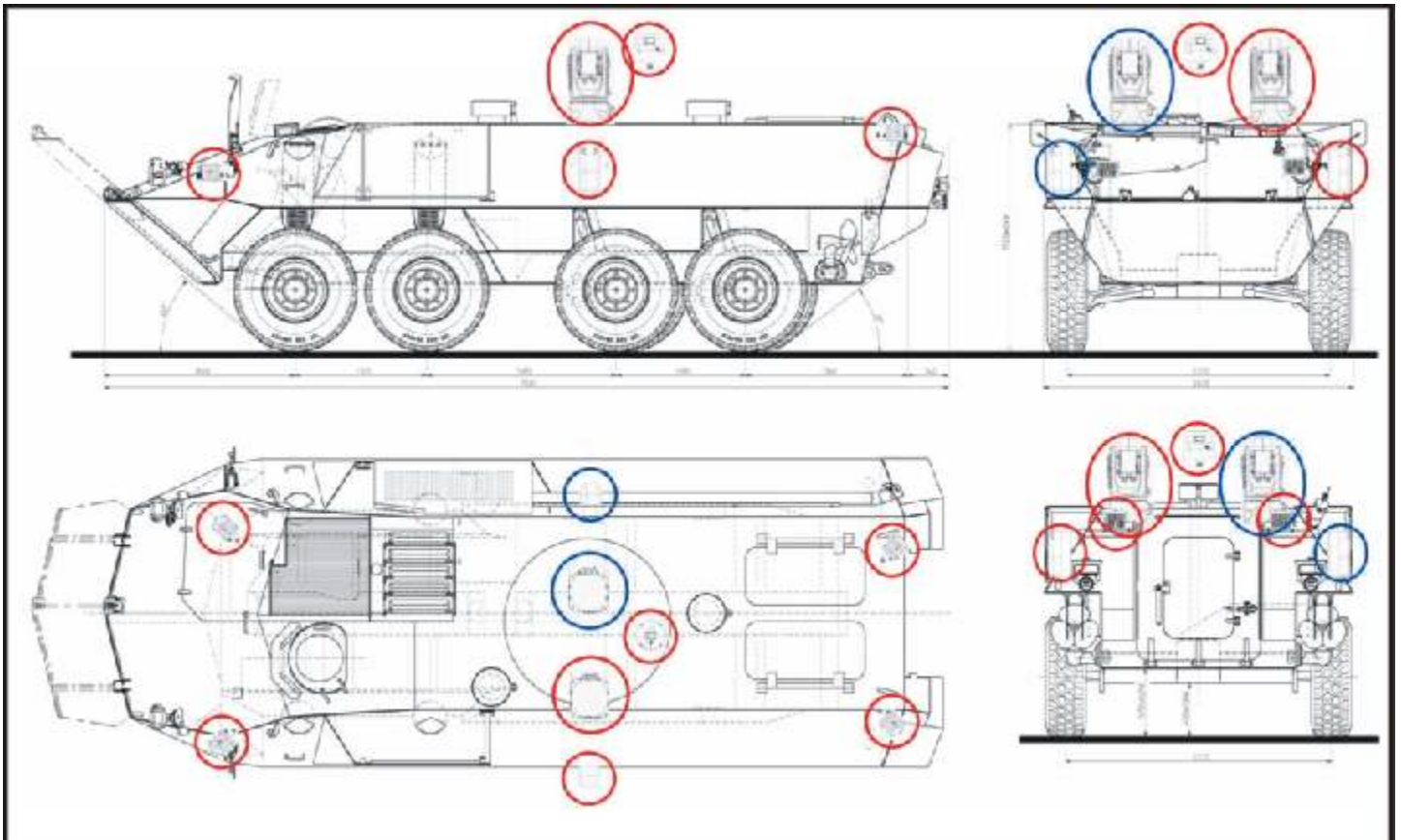
- Effective against RPGs, anti-armour missiles, recoilless rifles and anti-tank guns firing HE, HESH and HEAT ammunition
- Upgrade versions provide full-spectrum protection, including long-rod penetrators (FS rounds) firing against medium armour
- Low collateral damage, allowing urban operations
- Threat intercept at more than 5 m
- Simultaneous threats, including tandem firings, can be countered
- Full 360° azimuth and -15° to -45° elevation coverage
- LEDS150™ can accommodate up to 12 ready-to-fire

## THE HARD-KILL CONCEPT



**SAAB**

## TYPICAL VEHICLE INTEGRATION



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