

# PAUK/SPIDER M

## The latest generation of anti-tank missiles

Effective against soft and armoured targets alike, including tanks, Pauk/Spider M is among the best man-portable missiles produced today. It is also our company's flagship, built to the highest specifications. It can acquire targets with unparalleled precision, both before launch and midcourse – while relying on *Fire-and-Forget* and NLoS (non-line-of-sight) guidance. On top of that, this missile is capable of penetrating 1000mm behind explosive reactive armour (ERA).

### Tactical Use

The Pauk/Spider M's flexible system makes the missile suitable for a broad range of targets, from heavily armoured tanks and light combat vehicles to infantry.

### The Warhead Type

The missile includes a tandem shaped charge warhead, capable of penetrating explosive reactive armour (ERA). The precursor warhead is designed to detonate all generation ERA, which enables the primary warhead to pierce 1000mm of steel base armour – enough to put an end to even the most heavily armoured tanks.

### The IR Guidance System

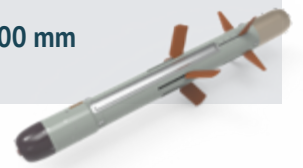
The Pauk/Spider M's guidance system is highly adjustable to many types of targets. It contains an infrared seeker with smart target tracking and guidance, as well as real-time AI. In addition, the system has a secure fibre-optic data link, which allows data exchange between the missile and its command station.

### Environmental & Operational Conditions

The missile subsystems fully comply with the MIL-STD-810F standards: 501.4 (High Temp), 502.4 (Low Temp), 503.4 (Temp Shock), 507.4 (Humidity), 513.5 (Acceleration), 514.5 (Vibrations).

### MAIN SPECIFICATIONS

- Ø Calibre: 145 mm
- ◇ Range: 5.5 km
- 📦 Mass (LTA with missile): 25 kg
- ◇ Length: 1400 mm



### Man-Portable Anti-Tank System (MPATGM)

The Spider M's setup consists of a launch tube, a portable fire-control system and a foldable tripod mount. This system can be effectively operated by a two-man crew.

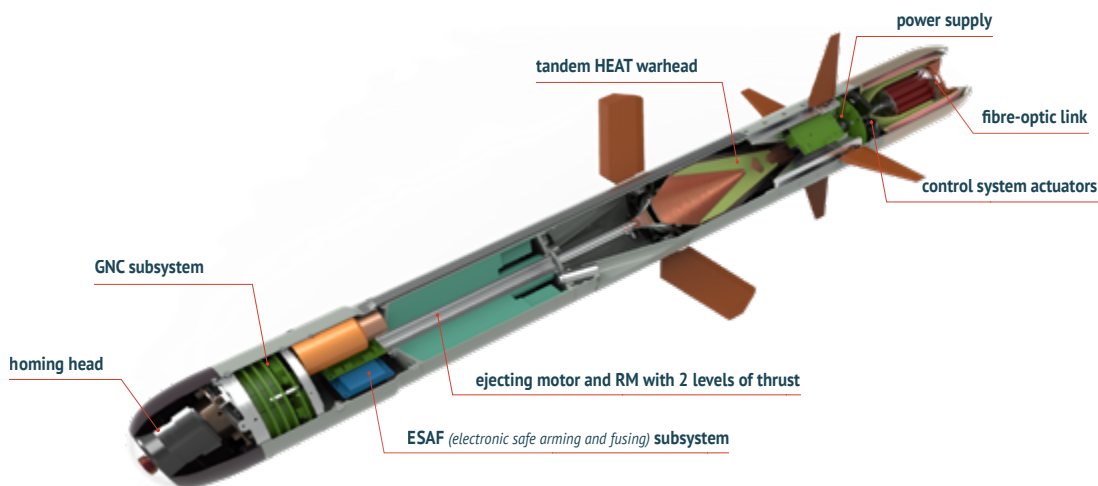


**MAIN TACTICAL AND TECHNICAL PERFORMANCES**

**Technical Specification**

	<b>Data</b>	<b>Unit</b>
Total length	1400	mm
Calibre	145	mm
Mass of LTA with missile	25	kg
Mass of CLU & T	9	kg
Maximum range	5.5	km
Minimum range	100	m
Maximum flight time	35	s
Direct fire capability – <i>Fire-and-Forget</i>	< 3	km
Indirect fire capability – NLoS	2–5.5	km
Readiness time (1st missile)	< 40	s
Readiness time (2nd missile)	< 15	s
Penetration	1000	mm
Hit probability – stationary target (exc. operator error)	90	%
Hit probability – moving target (exc. operator error)	90	%
Temperature range	-30 / +50	°C
Number of operators	2	pers.
Lifespan	10	yrs

**MISSILE COMPONENTS**



**BENEFITS**

- » an integrated tandem warhead can penetrate over 1000mm of RHA;
- » communication with the GCS in real time;
- » direct fire capability – *Fire-and-Forget* up to 3 km;
- » indirect fire capability – NLoS from 2 to 5.5 km;
- » terminal guidance based on the IIR homing head;
- » midterm guidance based on preset trajectory points given by the GCS (via INS/GPS).

