



PARS 3 LR is a high precision fire-and-forget weapon system for the engagement of mobile and stationary targets equipped with the latest generation of armour protection as well as buildings, bunkers and other high-value targets.

The fire-and-forget capability of PARS 3 LR enables the platform system to leave its position immediately after firing the missile. In this way, platform and crew are exposed to the enemy's reconnaissance and counter-action for a minimal amount of time. The precision and effectiveness of the missile is ensured over the entire firing range.

Due to its tandem shaped charge warhead and its infrared-seeker PARS 3 LR can engage infrastructure targets as effective as mobile or stationary armoured targets.

The missile system has been tested and qualified in 2013. The production for the German Army is managed by PARSYS GmbH, a joint venture of MBDA Deutschland GmbH (50%) and Diehl BGT Defence GmbH & Co.KG (50%).

- Fire-and-forget missile system
- High precision and penetration power
- Salvo-firing capability
- Quick reaction time
- High jamming resistance
- Maximum protection of platform and crew
- Long firing range (7000 m)
- Engagement of multiple targets

PARS 3 LR

HIGH PRECISION FIRE-AND-FORGET WEAPON SYSTEM WITH MULTI-ROLE CAPABILITY



LAND

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Weapon System

- Fire-and-forget missile system, ensuring high crew and platform survivability
- Entirely passive infrared system
- Salvo-firing capability (up to 4 missiles within less than 10 seconds)
- High jamming resistance
- Selectable missile trajectories (direct or top-attack)
- Lock-on-before-launch
- Multiple target tracking

Missile

- Designed for precision attack against multiple targets (main battle tanks, armoured vehicles, helicopters, command posts and infrastructural targets)
- Protected by launch tube
- Precooled in the launcher for immediate firing
- Maintenance free
- Highly jamming resistant infrared seeker for precision attack
- Tandem shaped charge warhead

Name

- PARS 3 LR

Missile characteristics

- Weight: 49 kg (in launch tube)
- Length: 1600 mm
- Calibre: 159 mm
- Range: 7000 m

Firing post components

- Fire Control Unit (FCU)
- Power Distribution (PD)
- Launcher Interface Electronics (LIE)
- Launcher

