

# FUCHSJAGM

## MOBILE VERTICAL LAUNCHING SYSTEM

The FUCHS Evolution is the next chapter of Rheinmetall's combat proven and reliable 6x6 FUCHS.

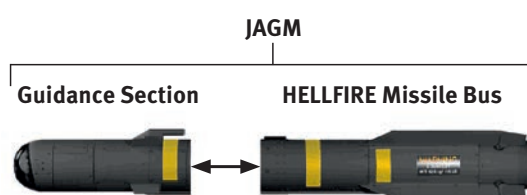
Serving in more than sixty variants for more than nine nations, it has gained an excellent reputation worldwide. Featuring an improved drivetrain, a modern digital electrical vehicle architecture and significantly improved situational awareness and payload. The tank destroyer based on the FUCHS armoured transport vehicle is a highly mobile armoured tank destroyer for rapid deployment against enemy tanks and armoured vehicles. It combines the vehicle's proven mobility with a specialized anti-tank weapon and modern reconnaissance systems. With its 24 missiles, the vehicle is able to combat up to 24 battle tanks in quick succession without reloading. The launcher brings the Joint Air-to-Ground Missile (JAGM) family of missiles and M299 launcher to vehicles and surface ships using designs and technologies from the MK41 Vertical Launching System (VLS). The mechanical structure and gas management system of the launcher, based on qualified VLS designs, optimize weapon density and ensure reliability and survivability in combat environments.

### BASE VEHICLE CHARACTERISTICS

- State of the art drivetrain with ABS and CTIS
- Digital on-board bus system and NATO Generic Vehicle Architecture (NGVA)

- NBC and blast protected armoured hull
- Built-In Test Equipment (BITE) with interactive maintenance procedures and external vehicle diagnosis
- Expanded interior space providing more driving and operation comfort

### JAGM MISSION KIT



### AGM-179 JAGM Rocket

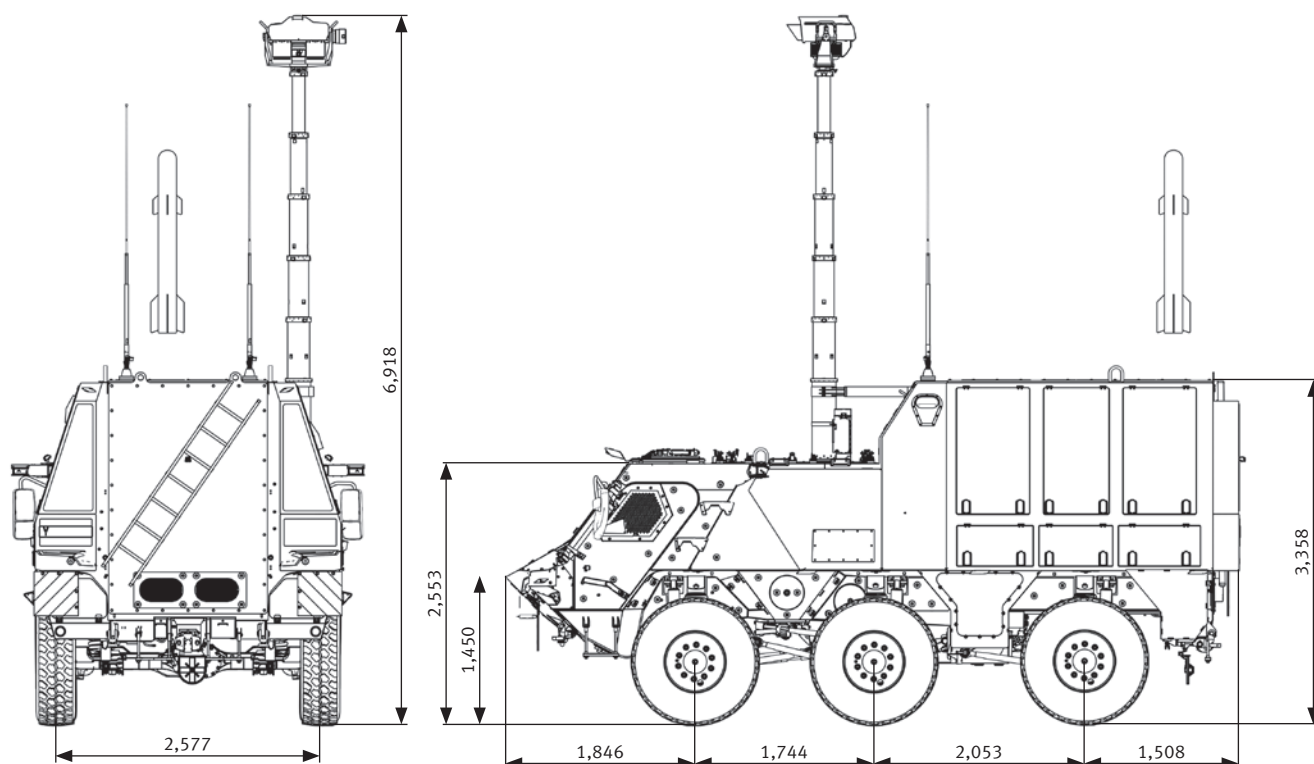
- Range up to 8 km
- Warhead 9 kg tandem shaped charge, fragmentation warhead
- Guidance System Semi-active laser and millimeter-wave radar

### AGM-114R Hellfire

- Range up to 8 km
- Warhead 9 kg tandem shaped charge, fragmentation warhead
- Guidance System Semi-active laser

TECHNICAL DATA	
Dimensions	
Length	7,151 mm
Width	3,000 mm
Height	3,358 mm
Max. camera height	6,918 mm
Interior volume	12.0 m <sup>3</sup>
Interior height	1,600 mm
Base vehicle weight	19,000 kg
Gross vehicle weight	24,500 kg
Power pack	
Engine	6V 199 TE20
Engine power	335 kw
Engine torque	2,200 Nm
Protection	
Blast & IED protection	
NBC filtration	>12 h

Performance	
Speed on road	max. 100 km/h
Gradient	60%
Side slope	30%
Fording depth	1,500 mm
Climbing ability	700 mm
Trench crossing	1,200 mm
Turning circle (c <sup>2</sup> c)	≤17.5 m
Cruising range	>800 km
Occupants	up to 10
Optional Add-ons	
Laser, acoustic, NC, CO, CO <sub>2</sub> warning	
MirrorCam, 360° vision system, IR systems	
RCWS, crow's nest, smoke grenade launcher	
CTIS, Runflats, brake controlled trailer	



All dimensions are approximate and in millimeters.

**Rheinmetall Landsysteme GmbH**

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