

WHEELED AGM

Artillery Gun Module on Truck Chassis

KNDS



/ WHEELED AGM – Artillery Gun Module on Truck Chassis

The Wheeled AGM, a new truck-based howitzer, combines the fire power and effective range of the automated and remote-controlled Artillery Gun Module (AGM) with the flexibility and cost efficiency of a customer chosen, suitable military 40t truck.

The combination of the unmanned AGM with its NATO-JBMOU-compatible, fielded 155 mm L52 main gun delivers a unique 360° efficiency range across all elevations with up to six modular charges using a fast-acting hydraulic support leg system.

Derived from PzH 2000 technology, the Wheeled AGM is a lighter, flexible and long-range artillery system for all relevant mission scenarios.

Further chassis variants with the AGM:



RCH 155 (BOXER chassis)



ASCOD chassis



MLRS chassis

/ Main features of WHEELED AGM

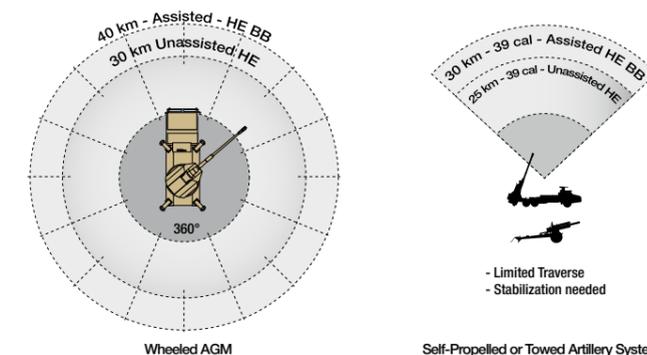
- High-mobile, flexible and automated artillery system
- Unmanned, fully automated, and remote-controlled gun module AGM
- Superior range and area coverage provided by the 155 mm / L52 gun and its ability to fire JBMOU-compatible 155 mm ammunition
- Long range lethality with a high rate of fire
- Ability to handle and fire JBMOU-compatible shells up to 1,000 mm length
- Autonomous navigation and fire control
- Automated gun laying system with coincidence control of the weapon
- Fully automated loading system for projectiles and modular charges including inductive fuze setting
- Loading in all elevation and azimuth positions possible
- Capability of “Shoot and Scoot” and “Multiple Round Simultaneous Impact” (MRSI)
- Capability of moving targets engagement
- High level of protection for the crew depending on customer’s requirement regarding ballistic protection, mine protection and NBC protection
- Interface platform (truck to AGM) with automated support leg system
- Crew of 2-3 in truck cabin
- Cooling and heating system for crew and turret (optional)
- High reliability (mature technology and subassemblies based on PzH 2000)
- Options for day / night 360°-surveillance, self-protection and direct firing (RCWS); Barracuda mobile camouflage
- Growth potential for unmanned operation (remote-controlled driving and firing)

/ Technical and tactical data

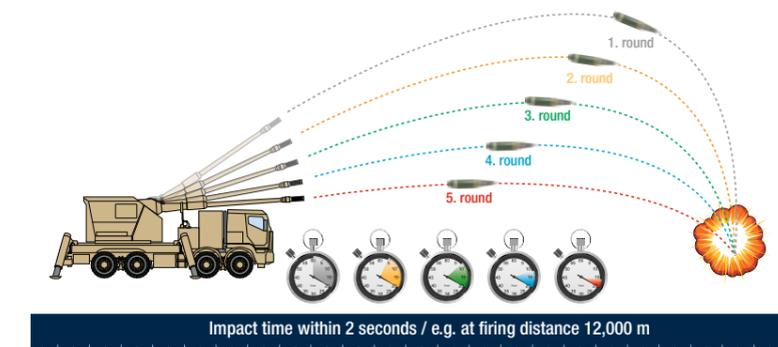
Main armament	Cal. 155 mm, L52 barrel (JBMOU compatible)
Firing rate	Up to 8 rounds per minute
Target engagement	Azimuth: 360° (+/- 200°) with up to 6 modular charges Elevation: from - 2.5° to + 65° (- 45 mils to + 1,150 mils)
Effective range	Depending on ammunition e.g. up to 40 km with BB / up to 54 km with V-LAP

Ammo magazine capacity	30 fuzed rounds / 144 modular charges
Fuze setting	Inductive fuze setting during loading process
Secondary armament	Optional Remote Controlled Weapon Station RCWS / Multi-Purpose Grenade Launcher (MPL)
Direct fire capability	up to 39,000 kg, depending on chosen truck chassis

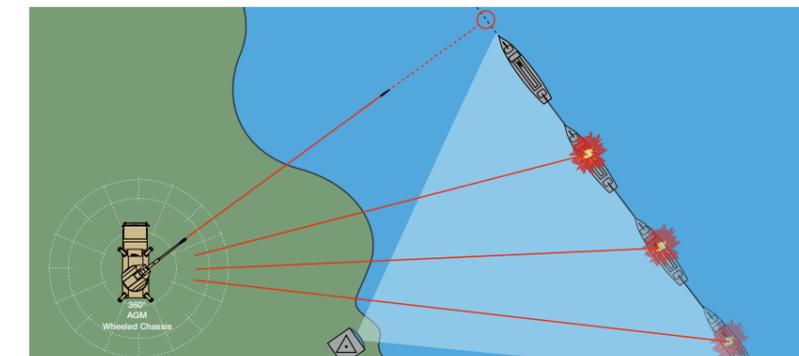
Outstanding Range and Area Coverage



“Multiple Round Simultaneous Impact” MRSI



Moving Target Firing



“Shoot and Scoot”



KNDS

**KNDS Deutschland
GmbH & Co. KG**

Krauss-Maffei-Str. 11
80997 Munich, Germany
Fon: +49/89/8140 50
Fax: +49/89/8140 4900
Mail: info@knds.de
Web: www.knds.com

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