

GROUND DEPLOYED ADVANCED MORTAR SYSTEM



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The Ground Deployed Advanced Mortar System [GDAMS] is a cutting-edge, lightweight mortar system designed for rapid deployment across a wide range of military platforms. In today's evolving landscape of modern warfare, mortar systems must adapt to the demands of dynamic, fast-paced battlefield environments - GDAMS is engineered to meet these challenges.



Vehicle Agnostic



Two-person crew operation, significantly reduces manpower requirements



Fully digitalised mission assignment and execution



Compatible with 81mm and 120mm qualified ammunition

KEY FEATURES



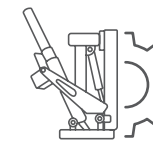
Blast Diffuser

The patented blast diffuser reduces noise exposure by threefold, enhancing crew survivability and reducing auditory signatures, setting GDAMS apart from conventional systems.



Rapid Deployment and Stow

GDAMS can be deployed and stowed in just 15 seconds respectively. This rapid setup and take-down time is key to maintaining a tactical edge.



Vehicle Agnostic / Recoilless Design

With the firing forces being directed into the ground, GDAMS can be integrated on lightweight commercial or military wheeled vehicles.



Crew Efficiency

With only a two-person crew required, GDAMS reduces manpower demands while maintaining firepower, increasing operational efficiency for rapid deployment and repositioning.



Fire Control System

Leverages digital technology to allow automatic laying of the mortar system based on the target coordinates provided by any command centre.



Modularity

GDAMS offers seamless integration with legacy systems (e.g. existing 120mm and 81mm barrels) while enhancing firepower with automated digital fire-control capability.



Range of Qualified Ammunition

GDAMS supports 81mm and 120mm qualified ammunition, including precision-guided rounds, enabling accurate targeting and a unified ammunition solution across mortar systems.

TECHNICAL SPECIFICATIONS

Calibre	81mm, 120mm Smoothbore
Elevation Range	45° to 80° (800 to 1422 mils)
Elevation Speed	>5°/sec (90mils/sec)
Traverse Range	±90° (±1600mils)
Traverse Speed	>5°/sec (90mils/sec)
Elevation/Traverse Accuracy	<3.0 mils (<3m over 1km)
Range	9km (ammo dependent)
Deployment/Stowing	15 sec/15 sec
Rate of Fire	15 rounds/min for 3 mins (Max) 4 rounds/min for 20 mins (Sustained)
Crew	2 - 3
Mode of Fire	Drop Fire

Note: Specifications are subject to change by the manufacturer without prior notice. Pictures shown are for illustrative purposes only, actual product may vary.



Compatible with 81mm and 120mm mortar solutions including the Precision Guided 120mm Mortar Bomb for accurate targeting and enhanced first-round hit probability.



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