

120MM M933A1 HE

High Explosive
Cartridge



MUNITIONS

MORTAR MUNITIONS & COMPONENTS

OVERVIEW

The M933A1 120mm High Explosive (HE) cartridge with the M783 Point Detonating/Delay (PD/DLY) Fuze is designed for use with the M120, 120mm Towed Mortar System and the M121 Carrier Mortar System. It is used against personnel, bunker and light materiel targets. It consists of a steel shell body with Composition B fill, and an aluminum M31 Fin Assembly. The propulsion system utilizes the M1020 Ignition Cartridge and four horseshoe shaped, water-resistant M234 Propelling Charges.

CAPABILITIES

- » For use with 120mm Battalion Mortar System (M121 Carrier and M120 Towed Systems)
- » For use with Brigade Combat Team Mortar System

SPECIAL FEATURES

- » 50% increase in lethality over 4.2in M329A2 cartridge
- » Tactical cartridge that can be used for live training

SYSTEM CHARACTERISTICS

- » Range
 - Minimum: 200m
 - Maximum: 7,200m
- » Rate of Fire
 - Max: 16 rounds per minute
 - Sustained: 4 rounds per minute
- » Weight: 30.2lbs
- » Length: 27.99in
- » Effectiveness: 50% improvement over 4.2in M329A2 HE
- » Utilizes M1020/M234 Propulsion System to reduce residue
- » Uses the M783 Point Detonating/Delay (PD/DLY) Fuze



FIELDING

- » Fielded

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727 578 8100

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GENERAL DYNAMICS
Ordnance and Tactical Systems