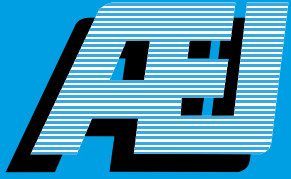




AE84 - RCL

AEI SYSTEMS



AE84 - RCL

84 mm Recoilless Rifle



AMMUNITION

- HE M540 High explosive
- ILL M542 illuminating
- HEAT M543 High explosive
- Anti Tank (rocket assisted)
- HEAT-TPM552 Training practice – HEAT ballistically matched

CAPABILITY

- Reloadable
- Multi-role tactical applications
- Single or dual operator use
- Rapidly deployable/fast response time
- Improved survivability
- Long life cycle
- Multi target effectiveness; vehicle, personnel, bunker busting & anti ship

DEPLOYMENT

The AE84-RCL can be fired from any position. Bipod legs attach to the forward hand grip for added stability. Ammunition is loaded from the rear by opening/closing the hinged breech locking Venturi.

The weapon is normally operated by a 2-man crew for optimal effectiveness.

There must be sufficient space behind the weapon such that recoil blast is not obstructed.



AE84 - RCL

84 mm Recoilless Rifle



SPECIFICATIONS

- Calibre 84 mm
- Crew 2 (optimal) or single operator
- Weight 14 kgf
- Length 1,065 mm
- Breech Hinge locking Venturi
- Rate of fire 6 rounds per minute (typical)
- Sights Optical & Iron
Laser range finder & Image intensification optional

DESCRIPTION

The AE84-RCL is a man-portable, reloadable multi-role recoilless rifle designed to fire Mecar's M540/M550 series range of 84 mm ammunition. Other 84 mm ammunition types are compatible with the AE84-RCL.

The rifle consists of a thin walled rifle barrel with a hinged breech locking Venturi recoil damper to the rear. Forward hand and trigger grips provide firing position comfort and a rear stock supports the weapon to the operators shoulder.

The AE84-RCL is fitted with optical and reversionary sights as standard. Optional laser ranger finder and image intensification/night vision equipment can be readily fitted.

Mecar's rocket-assisted HEAT round is able to penetrate 300 mm of armour steel, and has an effective range of 700 metres. A ballistically matched training round is also available.

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