

VENOM LR

AEI SYSTEMS



VENOM LR 30 mm GUN

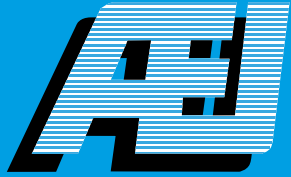


SPECIFICATIONS

- Calibre: 30 mm x 113 mm
- Range:
 - 2,000 m effective (RWS dependent)
 - 3,000 m maximum
- Rate of fire:
 - Single shot
 - 230 spm
- Gun mass: 120 kg (265 lb)
- Barrel length: 1,4 m
- Overall Length: 2.04 m
- Height: 275 mm
- Width: 300 mm
- Barrel mass: 15.3 kg
- Muzzle velocity: 765 - 805 m/s
- Recoil Force:
 - 9 kN max
 - 7 kN mean
- Cocking System: Mechanical & Electrical
- Firing System: Electrical: 28 V DC

AMMUNITION 30 mm x 113 mm

- HEI High explosive incendiary
- HEIT High explosive incendiary tracer
- AP Armour piercing
- APT Armour piecing tracer
- TP Target practice
- TPT Target practice tracer



VENOM LR 30 mm GUN

DESCRIPTION

VENOM LR or VENOM 'Low Recoil', is a derivative of the renowned ADEN 30 mm Gun; a gas operated, electrically primed, self-loading revolver cannon. VENOM LR is designed for Remote Weapon Station (RWS) integration, where reduced interface loads permit installation to Light Reconnaissance Vehicles (LRV's) and fast patrol vessels. (AEI's 'VENOM' 30 mm Gun is designed for turret installations; see AEI's 'VENOM' brochure).

VENOM LR with integrated 'buffer cradle', interfaces directly to the RWS gimbal elevation driveshaft and yoke arm. Muzzle velocity is enhanced by a lengthened barrel and optimised parabolic rifle twist. An efficient muzzle brake assists recoil retardation and barrel aligned recoil buffers improve weapon accuracy.

With an effective range to 2,000 m, single shot and 230 spm firing modes, motorised cocking and weapon 'Safeing', VENOM LR is a highly price competitive, non-ITAR alternative to the M230LF Chain Gun. VENOM LR fires NATO standard ADEN/DEFA 30x113 mm ammunition including M788 and M789 variants.

VENOM LR is designed and manufactured in the UK by AEI Systems, to aircraft standard quality and precision.



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