

ADEN 30 mm GUN

Mk4, Mk5 & Mk6

AEI SYSTEMS

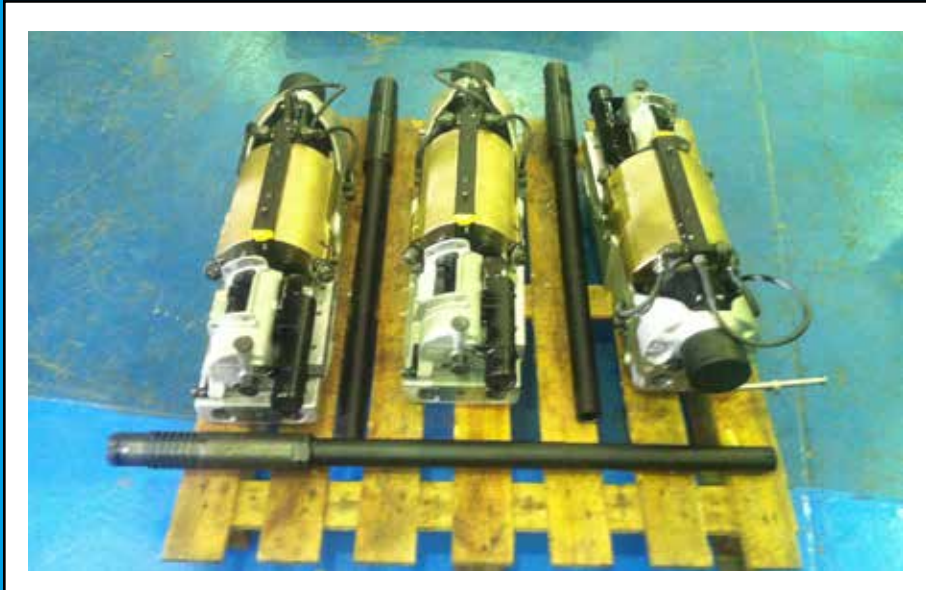


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SPECIFICATIONS

- Calibre: 30 mm x 113 mm
- Total weight: 87 kgf
- Weight of gun + (130 rounds): 158 kgf
- Overall length: 1,590 mm
- Barrel length: 1,080 mm
- Barrel weight: 12.25 kgf
- Rifling: progressive parabolic RH twist, 16 grooves
- Rate of fire: 1,200 - 1,400 spm
- Muzzle velocity: 790 m/s
- Recoil force: 31.4 kN max
22.4 KN mean
- Cocking System: Pneumatic
- Firing System: Electrical: 24 V DC / 115 V AC



AMMUNITION 30 mm x 113 mm

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



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DESCRIPTION

The ADEN 30 mm gun is a gas operated, electrically primed, self loading revolver type cannon, that has continuously been improved since it's conception in the early 1950's.

The compact nature of this self-powered cannon makes it an attractive option for relatively simple on-aircraft installation, whether considered for an under slung pod, under fuselage blister or interior fuselage carriage.

Mounting of the gun is possible at any angle through 360 degrees on the longitudinal axis to suit specific aircraft installation requirements. Both left and right hand feed versions are available.

AEI Systems manufacture complete ADEN 30 mm guns, all support equipment and conducts proof and acceptance testing.

ASPEN, an uprated ADEN 30 mm Gun, offers increased rates of fire, reduced recoil force, lengthened barrel and muzzle brake.



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