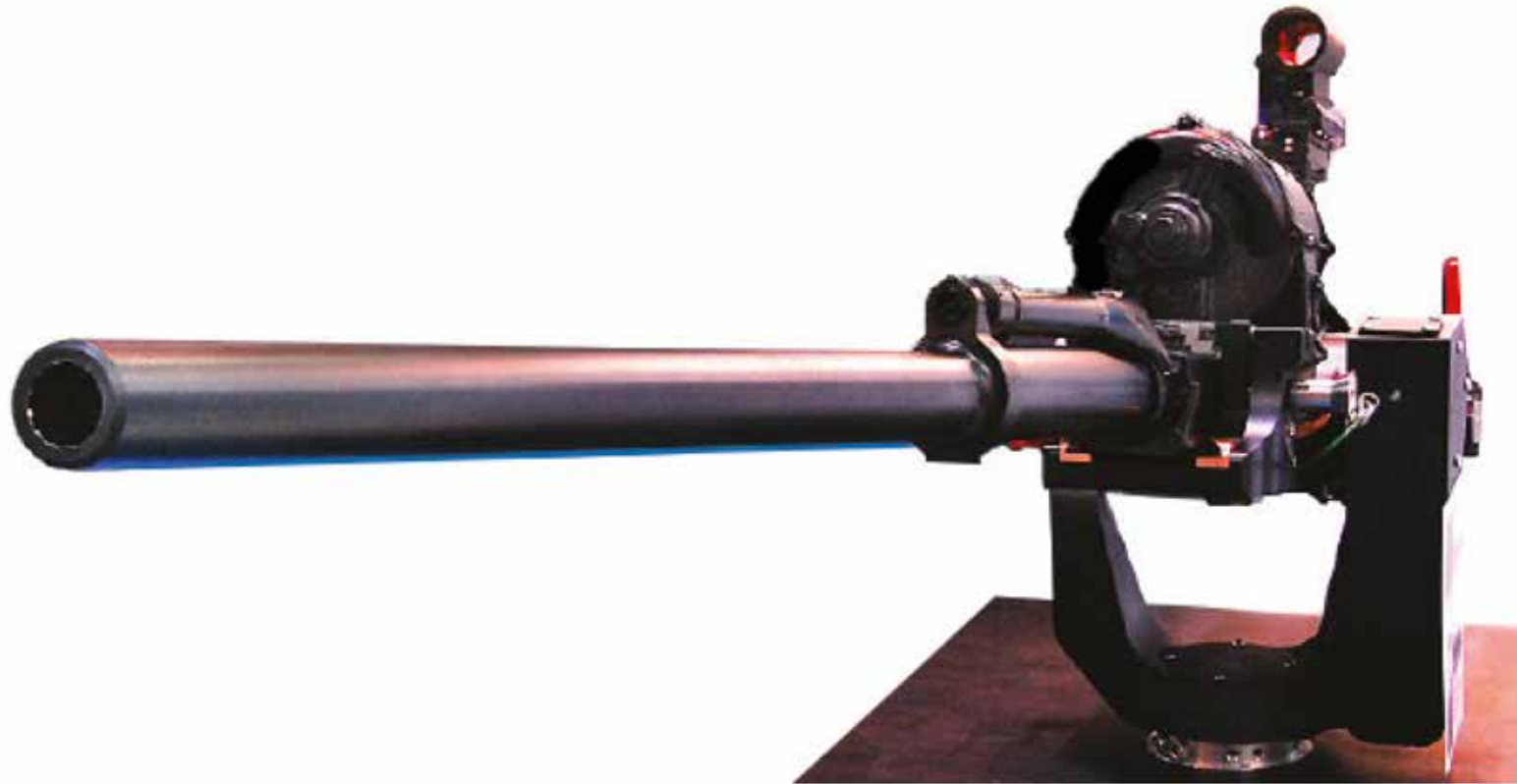


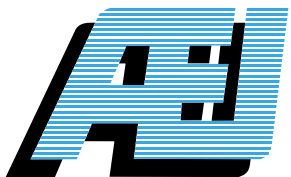


# AE20 - VM2

AE20 - VM2 Vehicle Mount



Totally Focused Technology - Highly Skilled Engineering



# AE20 - VM2

## HS804 Cannon



### CANNON SPECIFICATION

- Cannon Type HS804
- Calibre: 20 x 110 mm
- Rate of fire: 620 - 780 rpm
- Muzzle velocity: 835 m/s (2,740 ft/s)
- Range (max): 5,700 m (6,234 yds)
- Range (effective): 2,000 m (2,187 yds)
- Recoil force (max): 4.5 kN (1,012 lbf)
- Recoil force (mean): 1.6 kN (360 lbf)
- Weight of cannon (less magazine): 42.8 kgf (94.4 lbf)
- Weight of belt feed Drum magazine: 5.6 kgf (12.3 lbf)



### AMMUNITION

- TP & TP-T Target practice (+ Tracer)
- HE & HE-T High explosive (+ Tracer)
- HEI & HEI-T High explosive incendiary (+ Tracer)
- AP & AP-T Armour piercing (+ Tracer)
- API & API-T Armour piercing incendiary (+ Tracer)



# AE20 - VM2

## AE20 - VM2 Vehicle Mount



### THE MOUNT

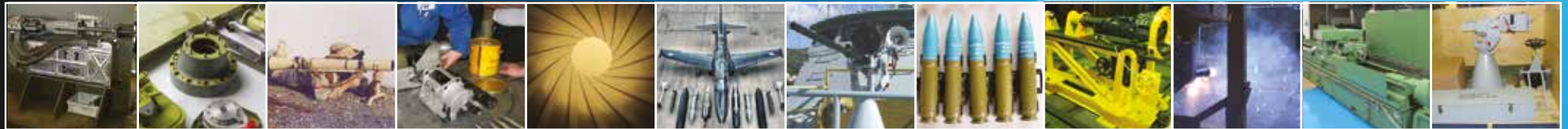
- Traverse arc: 360° with optional adjustable safety arc stops
- Elevation arc: -10° to +50°
- Swept radius: 1.68 m (66 in) at 0° elevation
- Height: 1 m (39.5 in) centre line from mounting base
- Weight (Less gun & ammunition): 75 kgf (165 lbf)

### DESCRIPTION

The AE20-VM2 is a lightweight all Aluminium vehicle weapon mount for the 20 mm HS804 gun. The mount accepts AEI's drum type belt feed mechanism and flexi-chute for prolonged target engagements. The mount also accepts AEI's lower profile 'flat' belt feed mechanism and can simply revert to accept AEI's linkless feed drum magazine associated with the AE20-NM naval mount.

The cradle is spring loaded to assist the operator engage elevated targets and balance the gun horizontally whilst vehicle trundling. The weapon mount can be readily fitted to the vehicle slewing ring, roof, bulkhead or pedestal.

The ammunition feed tank can be mounted to suit individual vehicle installations and linked to the mount with AEI's flex-chute.



# AEI Systems Ltd

1 Kings Ride Park,  
Ascot,  
Berkshire.  
SL5 8AP  
United Kingdom

Tel: +44 (0) 1344 636200 | Fax: +44 (0) 1344 636205 | Email: [sales@aei-systems.com](mailto:sales@aei-systems.com) | Web: [www.aei-systems.com](http://www.aei-systems.com)

