



# AE20/NM

## Naval Mount



### Description

AEI have developed the AE20/NM Naval Gun Mounting as an up-to-date alternative to, and a bolt-on replacement for, the Oerlikon Type A41/A. The mount has been designed in-house, using the latest material technology, to give the maximum reliability demanded by arduous sea borne conditions. The AE20/NM is designed to accept the original and well proven Hispano-Suiza type 804 20mm Cannon, of which we probably have the largest stocks of complete weapons and spares in the world.

Where the customer demands ruggedness and reliability as the main criteria, rather than expensive and often unnecessary sophistication, the cannon and mount integrate to form an economical and compact solution, without sacrificing build quality. As a multi-purpose weapon, it is highly effective against surface, air and land targets, and is ideally suited as a main armament on fast attack boats and patrol craft or as a secondary armament on larger vessels.

### Product Support

This rugged combination is backed by fast and efficient worldwide spares support from the substantial stocks held at AEI. A continuous development and production programme ensures product quality on which great design and manufacture. AEI Ltd has been assessed by the British MOD to quality assurance AQAP-1.

AEI offers customers full in country/on ship installation, servicing and personnel training. Customers can also send their AE20/NM (or A41/A) mounts and HS804 Cannon to AEI's Ascot plant in the UK for repair/refurbishment.



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### DATA SPECIFICATIONS

Cannon—Type 804 (HS)

Calibre:	20MM
Rate of fire:	750 TO 800RPM
Muzzle velocity:	835m/sec (2740 ft/sec)
Max range:	5700m/6200yds
Recoil thrust (max):	4.5KN
Mean recoil force:	1.6KN
Weight of cannon (without mag):	42.8Kg/94.4lbs
Feed mechanism: 60rnd drum magazine	
Weight of magazine (empty):	12.5Kg/27.5lbs
Weight of magazine (full):	28.1Kg/61.8lbs

### Control

Training and Elevation  
Manual by means of shoulder stocks and harness fitted to gun cradle.

### Firing mechanism

Mechanical with selector for single shot, automatic and safe.

### Gun sight

Ring and bead. Will also accept a selection of night vision sights and thermal imaging systems.

### Mount AE20/NM

Traverse arc:	360° with optional adjustable safety zone stops
Elevation arc:	-10° to + 50°
Swept radius:	1.68m/66ins. At 0° elevation
Height:	1m/39.5ins centre line from mounting base
Weight (mounting only):	157Kg/345lbs

### Ammunition

HE	High Explosive
AP	Armour piercing
TP	Target practice
TPT	Target practice tracer
APT	Arm our piercing tracer
HEI	High explosive incendiary
HET	High explosive tracer
HEIT	High explosive incendiary tracer

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