Type: Carrier, Weapons, 4x4 Nomenclature: Carrier, 6-Pdr Gun, A.E.C., Mk I Deacon Country: UK Date of Introduction: 1942

Physical Data:
Weight emp (est)
Weight loaded
Length (OA)
Width (OA)
Height (OA)
Ground clr
Wheel base (est)
Wheel tread
Drive
Armor
NBC protection

Armament:

Main – Cal Elev & traverse Fire control Aux wpns

Capacity: Fuel (est) Ammo/Qty Crew/Pass Cargo Vol/Wgt

Engine: Type HP at Rev/Min

- Model Mfr No. of Cyls Location Cooling
- Transmission: Туре Gear Fwd/Rev Model Mfr

Suspension System:

Type Steering Turning radius No/wheels **Tire Size**

General Data: Elec voltage Radio

Night Vision:

Performance: Speed/Land Speed/Water Range Fording (est) Max grade Trench Step

Diesel 95 hp (70 kW) @ 1800 rpm 7.7 litre A.173 A.E.C. Front Liquid Manual 4/1 w/2-spd trnsf unk AEC Leaf spring 60 ft (18.3 m) 4 14.00x20 12V As fitted by user as fitted by user 19 mph (30.5 km/h) n/a

13 in (330 mm) 126 in (3200 mm) 88 in (2235 mm) 4x4 or 4x2 (6-20 mm) Individual

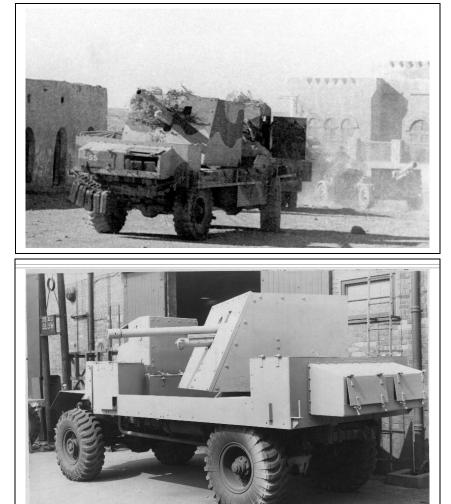
18500 lb (8399 kg) 26400 lb (11986 kg) 255.5 in (6490 mm) 109 in (2770 mm) 114.9 in (2920 mm)

6-pdr (57 mm) QF Manual +15° Optical Crew side arms

40 gal (151 liters) 57mm (24 rds) 5 n/a

Manual, Front axle

155 mi (250 km) 18 in (457 mm) unk unk unk



Remarks: With the need for mobile anti-tank guns in the North African Campaign becoming ever more critical, AEC firm was asked to develop an armored carrier suitable for the standard 6-pdr (57mm) cannon. Since time was a factor, it was decided to use the chassis of the Matador 4x4 GS truck then in production. AEC. was able to complete and deliver 175 units in 1942. Armed with the 6-Pdr QF Mk I cannon, the Deacon was able to fire both High Explosive (HE) and Armor Piercing (AP) ammunition. Maximum range for both types of ammunition was approximately 5,000 yds (4570 m) traveling at 2799 fps (853 mps) for the AP and 2386 fps (727 mps) for the HE. The AP round could penetrate approximately 60mm of armor plate at 10940 yards (1,000 m). Although they served well enough in the North African campaign, the

Photos: Top: Deacon in action with a set of towed 6-Pdr guns. This was the normal deployment of anti-tank gun assets. (Photo: IWM) Above: A just completed Deacon at the Park Royal; body works just prior to shipment to North Africa. The vehicle has just been painted in the base color of ME Stone 61. Many of these vehicles had started out in a base coat of SCC 2 Brown overpainted with SCC 1A Very Dark Brown rather circular patches; a scheme sometimes known as Mickey Mouse. Serial numbers for the Deacon series started at 20449. (Photo: Park Royal Vehicles)

vehicles were judged unsuitable for use in Europe and after being refurbished in Egypt, those vehicles still operational were transferred to Turkey in 1943.

Usage: British and Commonwealth forces as well as Turkey.

Manufacturer: Associated Equipment Company, Ltd. London, UK.

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