

Type: Car, Armored, 6x4 Nomenclature: M1 Armored Car
Country: US Date of Introduction:1934

Physical Data:
 Weight Empty 9835 lb (4465 kg)
 Loaded 10233 lb (4646 kg)
 Length 180 in (4572mm)
 Width 72 in (1829mm)
 Height 83 in (2108mm)
 Grd Clearance 7.85 in (199mm)
 Wheel Base 141 in (3581mm)
 Wheel Tread 59.75 in (1518mm)
 Drive 6x4
 Armor .25 to .375 in
 (6.35 to 9.53mm)
 NBC Protection Individual

Armament:
 Main – Cal (1) .50 Cal HMG
 Model M1921
 Elevation Manual
 Traverse 360 deg Manual
 Fire Control Optical
 Aux wpn(s) (2) .30 Cal M1919

Capacity:
 Fuel 30 gals (114 liters)
 Ammo/Qty .50 cal (2000 rds)
 .30 cal (3750 rds)
 Crew 4

Engine:
 Type Gasoline V8
 HP at Rev/Min 133 hp @
 2800 rpm
 Model 479.4 cu in
 Mfr Cunningham
 No. of Cyls 8
 Location Front
 Cooling Liquid

Transmission:
 Type Manual
 Gears Fwd/Rev 4/1
 Model unk
 Mfr unk

Suspension System:
 Type Leaf spring
 Steering Front axle
 Turning Radius Right 56ft 3in
 (17m) Left 48ft 4in
 (14.7m)
 No of wheels 6
 Tire Size 6.50x20

General Data:
 Elec Voltage 6 volt

Night Vision Devices: n/a

Performance:
 Speed 55 mph (89 km/h)
 Cruising Rng 250 mi (402 km)
 Forging Depth 21 in (533mm)
 Max Grade 23 deg
 Step unk



Remarks: Designed and built by James Cunningham Sons and Company, two T4 Armored Cars were completed and tested until 1934 when the design was type classified as the M1 Armored Car. After classification, an additional ten cars were completed. While the cars' performance on hard surfaces was adequate, the non-driving front axle and length of the vehicle (even with the spare wheels able to rotate on stub axles) made cross-country travel marginal at best. On the production M1, the headlights were larger and chromed. Also the turret had fittings for mounting an anti-aircraft machine gun and large storage boxes were mounted over the

Above: M1 Armored Cars photographed in 1934 while training at Fort Riley, Kansas. (Photos: US Army)

rear fenders. A total of 12 M1s were completed with serial numbers running from USA W-60114 to W-60125.

Usage: Only used by US Army.

Manufacturer: James Cunningham, Sons and Company, Rochester, NY.