

*Type: Carrier, Weapons Nomenclature: Truck, Utility, 1/4-ton, 4x4, M38A1C*

*Country: USA Date of Introduction: 1952*

*Physical Data:*

Weight Empty 2,660 lb (1208 kg)  
Weight Loaded (max) 4,500 lb (2043 kg)  
Length (OA) 154 in (3912 mm)  
Width (OA) 61 in (1549 mm)  
Height 73 in (1854 mm)  
Ground Clearance 9 in (229 mm)  
Wheel Base 81 in (2057 mm)  
Wheel Tread 49 in (1245 mm)  
Drive 4x4  
Armor n/a  
NBC Protection Individual

*Armament:*

Main – Cal (1) 106mm  
Recoilless Rifle  
Elevation & traverse Manual  
Fire Control Optical  
Aux wpn – Cal Crew weapons

*Capacity:*

Fuel Gasoline 17.5 gals  
(66 liters)  
Ammo/Qty Per wpns carried.  
Crew/Passengers 1/3  
Cargo Volume (max) n/a

*Engine:*

Type Gasoline  
HP at Rev/Min 72 hp (53 kW)  
@ 4000 rpm  
Model F-head.  
Mfr Willys  
No. of Cyls 4  
Location Front  
Cooling Liquid

*Transmission:*

Type Manual  
Speeds Fwd/Rev 3/1 w/2-spd transfer  
Model Synchronesh  
Mfr Willys

*Suspension System:*

Type Leaf spring  
Wheels Steerable Front pair  
Turning Radius 18 ft 11.5 in (5.8 m)  
left and 19 ft 9.5 in  
(6 m) right  
No of wheels 4  
Tire Size 7.00x16

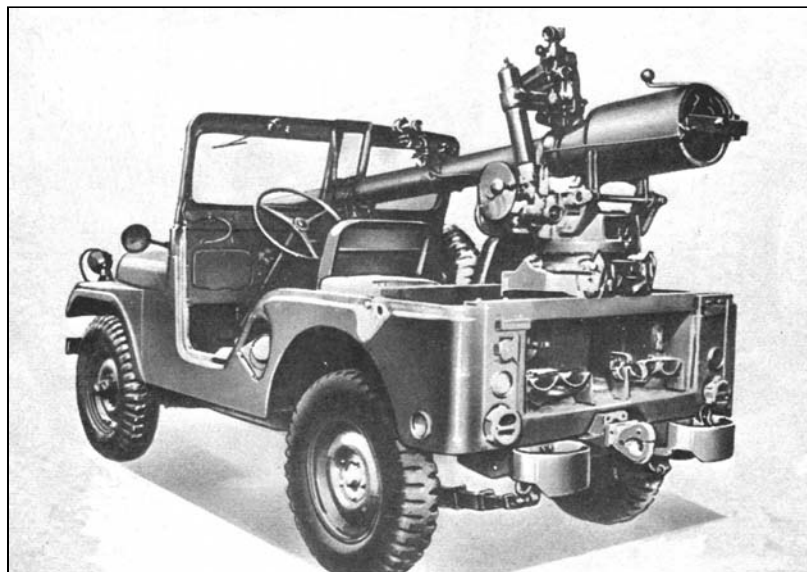
*General Data:*

Elec Voltage 24 Volt  
Radio As fitted by user

*Night Vision Devices:* As supplied by user.

*Performance:*

Speed/Land 55 mph (88.5 k/ph)  
Speed/Water n/a  
Range 350 mi (563 km)  
Fording Depth 37.5 in (953 mm)  
w/o kit, 79.5 in  
(2019 mm)  
w/wading gear  
Max Grade 60%



*Remarks:* The introduction of the M38A1 in 1952 was soon followed by the M38A1C fitted with at first a 105mm recoilless rifle, the M27A1 and then soon after the improved 106mm recoilless rifle the M40A1. Despite the difference in caliber, both weapons could actually fire the same round. The standard Battalion Anti-Tank weapon in the US Army, the M38A1 soldiered on from the mid 1950s to the early 1970s by which time it was replaced by the M151A1C and M825 Ford Mutt. While replaced in the US, the M38A1C could be found later than that in several armies in the mid-East and South America.

*Above:* Top, M38A1C with Rifle: 106mm, M40A1 with Mount Rifle: 106mm M79. This combination was to become the standard for the M38A1C. Lower, early M38A1C with Rifle: 105mm, M27A1 and Mount, Rifle: 105mm, M75A1. Both rifles actually fired the same round, but the M40A1 Rifle was designated a 106mm weapon to help avoid confusion between the two weapons. (Photos: US Army)

*Usage:* The M38A1C was used by the US from 1952 until the early '70s. Other countries that used the M38A1C included: Australia, Brazil, Canada, Iran, Israel, Jordan, Pakistan, Peru, Morocco, Republic of the Congo, Spain and Uganda.

*Manufacturer:* Willys-Overland, later Willys Motor Inc. (owned by Kaiser).