



HMMWV

Mission

Provide a common light tactical vehicle capability. Replaced the quarter-ton jeep, M718A1 ambulance, half-ton Mule, 1.25-ton Gamma Goat, and M792 ambulance.

Entered Army Service

1985

Description and Specifications

The HMMWV (High-Mobility Multipurpose Wheeled Vehicle) is a light, highly mobile, diesel-powered, four-wheel-drive vehicle equipped with an automatic transmission. Based on the M998 chassis, using common components and kits, the HMMWV can be configured to become a troop carrier, armament carrier, S250 shelter carrier, ambulance, TOW missile carrier, and a Scout vehicle.



The M998 is the baseline vehicle for the M998 series of 1 1/4-ton trucks, which are known as the HMMWV vehicles. The HMMWV vehicles include 11 variants. They are:

- M998 Cargo/Troop Carrier;
- M1038 Cargo/Troop Carrier, with winch;
- M1043 Armament Carrier;
- M1044 Armament Carrier, with winch;
- M1045 TOW Carrier;
- M1046 TOW Carrier, with winch;
- M997 Ambulance, basic armor 4-Litter;
- M1035 Ambulance, 2-Litter;
- M1037 Shelter Carrier;
- M1042 Shelter Carrier, with winch;
- M1097 Heavy HMMWV (payload of 4,400 pounds).

All HMMWVs are designed for use over all types of roads, in all weather conditions and are extremely effective in the most difficult terrain. The HMMWV's high power-to-weight ratio, four-wheel drive and high ground clearance combine to give it outstanding cross-country mobility.

<i>Length:</i>	15 ft
<i>Width:</i>	7.08 ft
<i>Height :</i>	6.00 feet reducible to 4.5 feet
<i>Weight:</i>	5,200 lbs
<i>Engine:</i>	V8, 6.2 litre displacement, fuel injected diesel, liquid cooled, compression ignition

Horsepower: 150 at 3,600 RPM
Transmission: 3 speed, automatic
Transfer case: 2 speed, locking, chain driven
Electrical system: 24 volt, negative ground, 60 amps
Brakes: Hydraulic, 4-wheeled disc
Fording depth: without preparation: 2.5 ft (76.2 cm)
with deep water fording kit : 5 ft (1.5 m)
Fuel type: Diesel
Fuel capacity: 25 gallons
Range: 350 miles highway
Max speed: 65 mph

Manufacturer

AM General (South Bend, IN); O'Gara-Hess & Eisenhardt (Fairfield, OH)

Information about this equipment provided by: www.goarmy.com

For further information visit: www.minnesotanationalguard.org