

# IMPRINT models

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## HMMWV

### High Mobility Multipurpose Wheeled Vehicle

**N**OT since the Jeep of the Second World War has there been such a much-loved workhorse as the HMMWV.

Production of the basic M998 began in 1985 and by the time the M998A1 series was started in 1993, more than 100,000 had been produced. There are now more than 150,000 worldwide.

The Hummer is a tough, versatile vehicle designed to take several different weapons and be used in many different roles.

It is a cargo and troop carrier, TOW missile carrier, an armament carrier, it can be an ambulance with two or four stretchers, a soft top ambulance with two stretchers, a shelter carrier, air defence vehicle, or a prime mover.

It can be a soft-skinned vehicle, have basic armour or supplemental armour.

AM General, which manufactures the

Hummer, produces versions with many different weapon systems. Apart from the .50 cal M2, Mk 19 grenade launcher and TOW which are available with our models, the Hummer can be fitted with the M106 recoilless rifle, .50 cal three-barrel Gatling gun, a 20mm or 30mm cannon, Milan, or TOW II anti-tank systems, 5.56 and 7.62 machineguns, and anti-aircraft systems like Mistral and Starburst. The Boeing Avenger version uses Stinger missiles as an air defence system. Hummers have been sold to more than 30

different countries, many of which use it as the basis for their own weapon systems. Such is the versatility of the Hummer that it can be air transported (three in a Hercules, six in a Starlifter or 15 in a Galaxy) or deployed by low altitude air drop, or slung under helicopters

– the Chinook Super Stallion can take two, and the Black Hawk one.



### M998 SERIES SPECIFICATIONS

**Designation:** High Mobility Multipurpose Wheeled Vehicle  
**Length:** 4.58m  
**Height:** 1.83m  
**Width:** 2.18m  
**Ground clearance:** 0.4m  
**Turning radius:** 7.62m  
**Curb weight:** 2,359kg  
**Payload:** 1,134kg  
**Gross weight:** 3,493kg  
**Max towed load:** 1,542kg  
**Seating capacity:** 1+3  
**Engine:** General Motors 6.2litre V8  
**Transmission:** General Motors THM 400 three-speed automatic transmission and two-speed full time four-wheel-drive transfer box  
**Horsepower:** 150hp at 3,600 rpm  
**Max speed:** 105km/h (A1/A2 113km/h)  
**Acceleration:** 0 to 48kph in 7 seconds, 0 to 80kph in 20 seconds  
**Range:** 563km  
**Fording depth:** 0.76m or with extra kit 1.52m

### PRODUCTION

**1979**

Design work on new wheeled vehicle begins and three prototypes produced.

**1982**

Intensive testing

**1983**

Hummer design chosen.

**1985**

First deliveries to US Army. 70,000 delivered by 1989.

**1989**

\$1bn contract signed for a

further 33,000. Production later changed to improved M998A1 version.

**1993**

Development of A1 and A2 series. A1 based on heavier M1097 to give increased payload, and minor modifications. A2 has improved range and performance, comfort and easier maintenance.

**1994**

Another contract for 1,200 included further improved M998A2 series and M1114 up-armoured version.

**1995**

8,800 more ordered.

**1998**

Another 738 M1114s ordered by US Army and Air Force. US Air Force also ordered 71 of the M1116 up-armoured Hummer.

### OPERATIONS

The Hummer has seen major military action several times:

**1989** Operation Just Cause, Panama

**1990** Saudi Arabia after Iraqi invasion of Kuwait

**1990** Angola (used by Western-backed UNITA forces)

**1991** Operation Desert Storm

**1992** Operation Restore Hope, Somalia

**1995** Croatia as part of IFOR

**1999** Kosovo as part of KFOR

**2002** Afghanistan

**2003** War in Iraq

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