

M3A1 WHITE HALF-TRACK ARMORED PERSONNEL CARRIER



The M3 half-track was an American armored personnel carrier half-track widely used by the Allies during World War II and in the Cold War. Derived from the M2 half-track car, the M3 was extensively produced, with about 15,000 standard M3s and more than 38,000 variant units manufactured.

The M3 was extensively modified with several dozen variant designs produced for different purposes. During World War II, the M3 and its variants were supplied to the U.S. Army and Marines, as well as British

Commonwealth and Soviet Red Army forces, serving on all major fronts throughout the war. The M3 and its variants were produced by many manufacturers including Diamond T, White Motor Company, International Harvester and Autocar. They were adapted for a wide variety of uses, such as a self-propelled anti-aircraft weapon or self-propelled artillery. Although initially unpopular due to its lack of significant armor or a roof to protect the crew from shrapnel, it was used by most of the Allies during the war.

In the Cold War era, the vehicle was used by a variety of state and non-state operators in conflicts in South America, the Middle East, Africa, and Asia, remaining in service until as late as the mid-1990s.

This vehicle was restored in 2010, and includes three M1919 .30 caliber machine guns, one M2 .50 caliber machine gun in a forward pulpit ring, and a Tulsa Model 18G winch.

TYPICAL CHARACTERISTICS

General

Date of first acceptance..... October 1943
Manufacturer..... Autocar Co., Diamond T Motor Car Co.
Crew..... 13 Men

Dimensions

Combat Weight..... 25,000 lbs
Height 106 in
Length with winch..... 249.63 in
Width over Mine Racks 87.5 in
Front Tread 64.5 in
Rear Tread 63.8 in
Wheelbase 135.5 in
Ground Clearance..... 11.2 in
Ground Press, Tires 29.4 psi

Armament

Type..... .50cal M2HB MG
Mount..... Flexible on ring mount M49 or M49A1
Ammunition 700 rounds
Traverse 360°
Elevation +80° to -20°
Type..... .30cal M1919A4 MG
Mount Flexible on ring mount M49 or M49A1
Ammunition 700 rounds
Traverse..... 360°
Elevation..... +80° to -20°

Armor

Assembly..... Bolting
Hull Rolled face-hardened Steel

Automotive & Performance

Engine White 160AX; 6 cylinder,
4 cycle, in-line gasoline
Horsepower..... Net: 147@3,000 rpm
Torque Net: 325 ft-lb@1,200 rpm
Fuel Capacity 60 gal
Max Level Road Speed..... 45 mph
Max Grade 60%
Angle of Approach w/winch: 33°
w/o winch: 37°
Angle of Departure 45°
Max Fording Depth..... 32 in
Cruising Range..... ~200 mi, roads

