

Type: Car, Armored, 4x2 Nomenclature: **Maschinengewehrkraftwagen Kfz 13**

Country: Germany Date of Introduction: 1934

Physical Data:

Weight empty 4700 lbs (2134 kgs)
 Weight loaded 4850 lbs (2202 kgs)
 Length (OA) 165 in (4191 mm)
 Width (OA) 67 in (1702 mm)
 Height (OA) 59 in (1499 mm)
 Ground clr 7.2 in (183 mm)
 Wheel base 112 in (2845 mm)
 Wheel tread 56 in (1422 mm)
 Drive 4x2
 Armor .32 in (8 mm)
 NBC protection Individual

Armament:

Main – Cal (1) 7.92 mm MG13 or MG34
 Elevation -35 to +65 degrees
 Traverse Manual
 Fire control Optical
 Aux wpns Crew side arms

Capacity:

Fuel Gas 18.5 gal (70 liters)
 Ammo/Qty (7.92mm) 1000 rds
 Crew/Pass 2
 Cargo Vol/Wgt na

Engine:

Type Gasoline
 HP at Rev/Min 59 hp (43.5 kW)
 Model Standard 2.9 L
 Mfr Adler
 No. of Cyls 6
 Location Front
 Cooling Liquid

Transmission:

Type Manual
 Gear Fwd/Rev 4/1
 Model unk
 Mfr Adler

Suspension System:

Type Leaf spring
 Steering Front axle
 Turning radius unk
 No/wheels 4
 Tire Size 6.75x18

General Data:

Elec voltage unk
 Radio As fitted by user

Night Vision: as fitted by user

Performance:

Speed/Land 43.5 mph (70 km/h)
 Speed/Water n/a
 Range 155 mi (250 km)
 Forging depth(est) 12 in (305 mm)
 Max grade unk
 Trench unk
 Step unk



Remarks: Both the Kfz 13 Maschinengewehrkraftwagen (machine gun carrier) and the Kfz 14 Funkkraftwagen (radio carrier) were based on the same Adler 4x2 light passenger car chassis. Powered by a 6-cylinder gasoline engine producing 59 hp (43.5 kW), and carrying a .32 inch (8 mm) thick armored hull, both vehicles were still able to reach approximately 43.5 mph (70 km/h) on an improved surface and had acceptable if not outstanding cross-country performance. The major difference between the two vehicles was that while the Kfz 13 carried a single 7.92mm machine gun, the Kfz 14 had an antenna that could be folded upwards and carried only individual

Top and Above: Maschinengewehrkraftwagen Kfz 13s in the field. The top view shows just how small the early vehicles were with a crew of two in the Kfz 13 and three in the Kfz 14 radio vehicle.

weapons for protection. Both vehicles were issued to reconnaissance units starting in 1932 and remained in service until 1941 after seeing combat in both Poland and France. Approximately 150 Kfz 13s and 40 Kfz 14s were completed.

Usage: German Army during the 1930's and WWII.

Manufacturer: Chassis Adlerwerke. Armored hull, Deutsche Edelstahlwerke AG.