

Type: Car, Armored, 8x8 Nomenclature: **Schwerer Panzerspähwagen SdKfz 232 (Fu) (8-Rad)**
 Country: Germany Date of Introduction: 1936

Physical Data:

Weight empty 16978 lb (7700 kg)
 Weight loaded 19404 lb (8800 kg)
 Length (OA) 230 in (5850 mm)
 Width (OA) 92.5 in (2350 mm)
 Height (OA) 114 in (2900 mm)
 Ground clr 10.5 in (270 mm)
 Wheel base 161.5 in (4102 mm)
 Wheel tread (est) 76.5 in (1943 mm)
 Drive 8x8
 Armor .2-.57 in (5-14.5 mm)
 NBC protection Individual

Armament:

Main – Cal (1) 20mm KwK 30 L/55
 Elevation -10 to +26 degrees
 Traverse 360 deg (manual)
 Fire control Optical TZF 6
 Aux wpns (1) 7.92mm LMG

Capacity:

Fuel Gasoline 39.6 gals (150 liters)
 Ammo/Qty 20mm (180 rds)
 7.92mm (2100 rds)
 Crew/Pass 4
 Cargo Vol/Wgt n/a

Engine:

Type Gasoline
 HP at Rev/Min 150 hp (111 kW)
 Model L8V-G
 Mfr Büssing-NAG
 No. of Cyls V8
 Location Rear
 Cooling Liquid

Transmission:

Type Manual
 Gear Fwd/Rev 6-Fwd and 6-Rev
 Model GS
 Mfr Büssing-NAG

Suspension System:

Type Leaf spring
 Steering All wheel
 Turning radius 34.5 ft (10.5 m)
 No/wheels 8
 Tire Size 8.25x18

General Data:

Elec voltage 24V
 Radio Fu. Spr.

Night Vision: as fitted by user

Performance:

Speed/Land 53 mph (85 km/h)
 Speed/Water n/a
 Range 186 mi (300 km)
 Fording depth 39 in (1000 mm)
 Max grade 45 %
 Trench 49 in (1240 mm)
 Step 19 in (480 mm)



Remarks: The SdKfz 232 (Fu) (8-rad) was developed along with the SdKfz 231 (8-rad) and was identical except for weight, height over the frame antenna and minor internal details. The large antenna was attached to the turret with a three armed brace centered on a pivot. While the vehicle weapons were able clear the antenna supports on the rear deck it was still possible to damage the supports when firing over the rear deck or firing at high angles. Crew for the vehicle remained at four with the addition of a medium power radio and receiver fitted.

Top: SdKfz 232 (fu) (8-Rad) during a reconnaissance mission, of interest is the non-standard spare wheel/tire mounting on the left side of the hull. Above: Another 232 with the Waffen-SS carrying a frame antenna. Some vehicles also included a telescoping high power antenna on the rear deck. (Photo: Ulrich Rohrbach)

Usage: Used by the German military from 1936 until the end of WWII. By late WWII the large frame antenna had been replaced by rod antenna.

Manufacturer: F. Schichau, Elbing, Germany.