

Type: Car, Armored, 8x8 Nomenclature: **Schwerer Panzerfunkwagen SdKfz 263 (Fu) (8-Rad)**
 Country: Germany Date of Introduction: 1937

Physical Data:
 Weight empty 16648 lb (7550 kg)
 Weight loaded 19139 lb (8680 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) 7.92mm MG34
 Elev & Trav Ball mount in front of command structure
Fire control Optical
Aux wpns Crew sidearms

Capacity:
Fuel Gasoline 39.6 gals (150 liters)
Ammo/Qty 7.92mm (1000 rds)
Crew/Pass 5
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 High Power

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 Schwerer Panzerfunkwagen (s.Pz.Fu.Wg) SdKfz 263 (8-Rad) was introduced in 1937 as part of the heavy armored reconnaissance series with production running through January of 1942 when the vehicle was dropped in favor of the 250/251 halftrack series with the better cross-country performance. While the chassis remained the same as the 231 and 232 (8-rad), the armor hull was only produced by the Deutschen-Werke in Kiel. As first introduced the vehicle had a large frame antenna but by the end of production large rod antenna had been introduced.

Top: SdKfz 263 (fu) (8-Rad) showing the early deep blue-gray color scheme. This is the color carried during the Polish and French campaigns. Above: A SdKfz 263 being transhipped by water. This vehicle is painted in the much lighter North Africa/Mediterranean desert yellow and brown.

Usage: Used by the German military from 1937 until the end of WWII. By late WWII the large frame antenna had been replaced by rod antenna.

Manufacturer: Deutschen-Werke, Kiel, Germany.

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