

Type: Car, Armored, 8x8 *Nomenclature:* **Astro-Daimler Armored Car ADGZ**

Country: Austria *Date of Introduction:* 1935

Physical Data:

Weight Empty 16538 lbs (7500 kg)
Weight Loaded 26460 lb (12000 kg)
Length (OA) 246.5 in (6260 mm)
Width (OA) 85 in (2160 mm)
Height (OA) 101 in (2564 mm)
Ground Clearance 11 in (275 mm)
Wheel Base 180 in (4750 mm)
Wheel Tread 57 in to 77 in
(1450 to 1950 mm)
Drive 8x8
Armor .43 in (11 mm)
NBC Protection Individual

Armament:

Main – Cal (1) 20 mm KwK 35
L/45 (1) HMG &
(2) LMGs
Elevation & traverse Manual
Fire Control Optical
Aux wpn – Cal Crew sidearms

Capacity:

Fuel Gasoline 53 gals (200 ltr)
Ammo/Qty unk
Crew/Passengers 4-6
Cargo Vol/Weight 2205 lb (1000 kg)

Engine:

Type Gasoline
HP at Rev/Min 203 hp (150 kW)
@ 1800 rpm
Model M 612
Mfr Austro-Daimler
No. of Cyls 6
Location Rear
Cooling Liquid

Transmission:

Type Manual
Speeds Fwd/Rev 3/3
Model JDL
Mfr Austro-Voith

Suspension System:

Type Coil & leafspring
Wheels Steerable Front & rear axles
Turning Radius 50 ft (14 m)
No of wheels 12 (includes 4
sets of duals)
Tire Size 8.25x20

General Data:

Elec Voltage 12V
Radio As fitted by user

Night Vision Devices: n/a

Performance:

Speed/Land 43.5 mph (70 km/h)
Speed/Water n/a
Range 270.5 miles
(450 km)
Fording Depth unk
Max Grade unk
Trench Crossing unk
Step unk



Remarks: The ADGZ was developed and put into service by Austria with production vehicles produced between 1935 and 1937, with the original prototypes appearing in 1931. Protected by .43 inch (11 mm) of armor, two drivers were equipped with duplicated controls allowing full-speed in three gears in either direction. Used by the Austrian and later German forces (mainly SS units), at least one vehicle was captured and put into service by Russia.

Above top: An ADGZ facing forward. The 20 mm cannon is to the left and the 8mm heavy machinegun mounted on the right of the turret. Above: Two ADGZs fresh from the Steyr-Daimler-Puch factory.
(Photos Author's Collection)

Usage: Austrian Army, German SS units and Russia. It is also possible that at least one machine fell into Bulgarian hands.

Manufacturer: Steyr-Daimler-Puch, Austria.