

Type: Carrier, Weapons Nomenclature: 2P27 (AT-1 Snapper Carrier)

Country: Russia Date of Introduction: 1958

Physical Data:

Weight empty 11600 lb (5266 kg)
Wgt loaded (est) 12846 lb (5832 kg)
Length (OA) 220.5 in (5600 mm)
Width (OA) 88.5 in (2250 mm)
Height (closed) 74.8 in (1900 mm)
Ground clr 12.4 in (315 mm)
Wheel base 110 in (2800 mm)
Wheel tread 65.3 in (1660 mm)
Drive 4x4 plus 4x4 aux
Armor .16 to .39 in
(4 to 10 mm)
NBC protection Overpressure

Armament:

Main (3) AT-1 Snapper AT mis-
siles
Elev & traverse Power
Fire control Wire guided
Aux wpns Crew side arms

Capacity:

Fuel Gasoline
Ammo/Qty 3 ready & 3 reserve
Crew/Pass 2
Cargo Vol/Wgt 500 lb (227 kg)

Engine:

Type Gasoline
HP at Rev/Min 90 hp (66.4 kW)
@ 3400 rpm
Model GAZ
Mfr State Factory
No. of Cyls 6
Location Front
Cooling Liquid

Transmission:

Type Manual
Gear Fwd/Rev 4/1 w/2-spd transfer
Model GAZ
Mfr State Factory

Suspension System:

Type Leaf spring
Steering Front axle
Turning radius unk
No/wheels 4+4
Tire Size 12.00x18

General Data:

Elec voltage 24V
Radio As fitted by user

Night Vision:

as fitted by user

Performance:

Speed/Land 50 mph (80 km/h)
Speed/Water 5.5 mph (9 km/h)
Range 310 mi (500 km)
Fording depth Amphibious
Max grade 52.4 %
Trench 48 in (1220 mm)
Step 15.8 in (400 mm)



Above and top: Soviet/Russian 2P27 missile carriers. The top view shows part of the missile storage interior, while the lower photo shows the crew offset from the carrier with the remote control guidance system. (Photos: Author's collection)

Remarks: A direct conversion of the BRDM armored reconnaissance vehicle, the vehicle mounted the AT-1 Snapper (Bumblebee) anti-tank missile. Specifications for the AT-1 included: Missile length: 3.79 ft (1130 mm) Wing span: 2.75 ft (838 mm). Body Dia: 5.5 in (140mm) Launch Weight: 44 lbs (22.3 kg). Power: (1) solid rocket. Max Speed: 295 ft (90 m) per sec. Warhead: HE 11.5 lbs (5.25 kg). Minimum range: 1540 ft (500 m). Maximum range: 7546 ft (2300 m). Guidance: Wire guided command to line-of-sight with optical tracking. Control by vibrating trailing edge spoilers. Launcher designator: 2P27.

9P27 Carrier Usage: Soviet Union, Bulgaria, Czechoslovakia, East Germany, and Romania.

Manufacturer: GAZ, Soviet State Factories, USSR.