

Type: Carrier, Personnel, Armored 8x8 Nomenclature: **OT-64/SKOT**
Country: Czechoslovakia Date of Introduction: 1963

Physical Data:

Weight empty 25600 lb (11622 kg)
Weight loaded 27060 lb (12285 kg)
Length (OA) 293 in (7440 mm)
Width (OA) 100 in (2550 mm)
Height (OA) 90.5 in (2300 mm)
Ground clr 16 in (400 mm)
Wheel base 201 in (5100 mm)
Wheel tread 73 in (1860 mm)
Drive 8x8
Armor .39 in (10 mm)
NBC protection Central (over pressure)

Armament:

Main – Cal 7.62mm LMG
Elev & traverse n/a
Fire control n/a
Aux wps Crew side arms

Capacity:

Fuel 84.5 gal (320 liters)
Ammo/Qty Squad basic load
Crew/Pass 2/20
Cargo Vol/Wgt unk

Engine:

Type Diesel
HP at Rev/Min 180 hp (132.8 kW)
@ 2000 rpm

Model 928-14
Mfr Tatra
No. of Cyls 8
Location Mid-center
Cooling Air

Transmission:

Type Automatic
Gear Fwd/Rev 5/1
Model unk
Mfr Tatra

Suspension System:

Type Coil
Steering Front 2 axles pwr
Turning radius unk
No/wheels 8
Tire Size 13.00x18

General Data:

Elec voltage 24V
Radio As fitted by user

Night Vision: as fitted by user

Performance:

Speed/Land 59 mph (95 km/h)
Speed/Water 6.2 mph (10 km/h)
Range 248 mi (400 km)
Fording depth Amphibious
Max grade 60 %
Trench 79 in (2000 mm)
Step 19.5 in (500 mm)



Remarks: Unhappy with the Soviet designed and produced BTR-60PB, Czechoslovakia and Poland designed and co-produced a replacement, the OT-64/SKOT. Developed in the early 1960's and entering service 1963/64, the OT-64/SKOT was an all-welded steel armored vehicle with a maximum thickness of .39 inches (10 mm). The large infantry compartment was able to carry up to 20 men and their equipment, along with a vehicle crew of two. Power while in the water was supplied by two propellers mounted on either side of the hull at the rear. While the freeboard of the vehicle was acceptable it was only meant to operate in sheltered waters as the air intake was on the top of the vehicle directly behind the driver and commander with no protection from water flooding over the vehicle. Regardless, the SKOT was operated by the Polish Naval Infantry. There were two doors at the rear of the vehicle and three large hatches in the roof for the infantry as well as a

roof hatch and side door for both the driver and vehicle commander. The hatch arrangement would change with the introduction of the turret armed -A and -B models. All eight wheels had a central air system with power assisted steering being applied to the two forward axles. In Czechoslovakian service the series was known as the Ob-sneny Transporter (armored carrier) OT and in Polish service as the Sredni Kolowy Opancerzony Transporter (medium armored wheeled carrier) SKOT.

Usage: The original SKOT/OT-64 series were used by Poland and Czechoslovakia with a very small number going to Hungary.

Manufacturer: Tatra of Czechoslovakia the chassis and automotive component, FSC/Lubin of Poland, the armored body and weapon systems.