

Type: Vehicle, Reconnaissance Nomenclature: **SVOS LRD ARM 3**

Country: Czech Republic Date of Introduction: 2006

Physical Data:

Weight empty (est) 6615 lb
(3000 kg)
Weight loaded 7740 lb (3510 kg)
Length (OA) 197 in (4995 mm)
Width (OA) 82.5 in (2095 mm)
Height (OA) 76 in (1930 mm)
Ground clearance 12 in (310 mm)
Wheel base 109.5 in (2785 mm)
Wheel tread unk
Drive 4x4
Armor Proof against
7.62mm ball
NBC protection Individual

Armament:

Main – Cal As fitted by user
Elev & traverse Manual
Fire control Optical
Aux wpns Crew side arms

Capacity:

Fuel Diesel
Ammo/Qty unk
Crew/Pass 4
Cargo Vol/Wgt (est) 1125 lb
(510 kg)

Engine:

Type Turbo Diesel
HP at Rev/Min 112 hp (83 kW)
@ 4000 rpm

Model Type 15L
Mfr LR
No. of Cyls In-line 4
Location Front
Cooling Liquid

Transmission:

Type Manual
Gear Fwd/Rev 5/1
Model unk
Mfr unk

Suspension System:

Type Coil
Steering Front axle
Turning radius unk
No/wheels 4
Tire Size unk

General Data:

Elec voltage 24V
Radio As fitted by user

Night Vision: As fitted by user

Performance:

Speed/Land 80 mph (130 km/h)
Speed/Water n/a
Range (est) 621 mi
(1000 km)

Fording depth 23.5 in (600 mm)
Max grade unk
Trench unk
Step unk



Remarks: The Czech SVOS Land Rover Defender 110 TDi Special Operations Vehicle (Armoured 3), is a partially armored vehicle designed by for reconnaissance units. A detachable add-on armor kit includes side doors and a divided tilting windshield; a reinforced bulkhead between the engine and crew compartment, and anti-fragment protection from grenades and light mines for the bottom of the vehicle. Seating capacity is two in the front compartment and two in the rear with the weapons station. Main armament system is either a .50 caliber or 12.7mm heavy machine gun or a 30mm automatic grenade launcher. Either of the systems can be installed on the fully rotating rear mount. Extra ammunition cases are fitted on the weapons mount

Above: SVOS armored LR Defender 110 Tdi (Photos: SVOS)

rear. An Optional 7.62mm LMG can be fitted to the weapon mount in front of the co-driver's seat. Standard equipment for the vehicle includes: A front mounted winch; metal baskets at the front and rear for equipment and fuel/water cans; a front mounted wire cutter; a roll-over protection frame and either customer or factory supplied communication equipment with antenna. Chassis for the vehicle is the Land Rover Defender 110 Tdi MILITARY

Usage: Production started, in limited service with Czech Republic units in Afghanistan with NATO as of 2006.

Manufacturer: SVOS, s.r.o., Choceňská 877, 535 01 Přelouč, Czech Republic.