



GENERAL

Combat weight	42 t
Crew	3
Fuel capacity	1450 lit.
Cruising range on road	700 km

DIMENSIONS

Length, gun forward	9530 mm
Width	3590 mm
Height	2190 mm
Clearance	428 mm
Spec. ground pressure	0.813 bars

PERFORMANCES

Max. speed on road	65 kmph
Max. gradient	58%
Max. grade slope	47%
Trench width	2.60 to 2.80 m
Vertical obstacle	0.85 m
Fording depth	1.20/1.80 m
Water depth	5 m

ARMAMENT

Main armament	cal. 125 mm
smooth bore tank gun	
Secondary armament	
MG cal. 7.62 mm	
MG cal. 12.7 mm	
Smoke discharger	12 purchase
Ammunition capacity	
main weapon	42 purchase
MG 12.7	360 purchase
MG 7.62	2000 pcs

FIRE CONTROL SYSTEM

Type	automatic electro-hydraulic
Model	OMEGA-84
Area of traverse	n x 360 deg
Dep./elevation	-6°13' / 13°47'
Max velocity	
traverse	285 mils/s
dep/elevation	70 mils/s
rate	340 mils/s

SIGHTING/VISION EQUIPMENT

Commander	
Type	day/night-time, passive binocular
Magnification (d/n)	x4.9/x4.3
Field of view (d/n)	10/10.9 deg
Gunner	
Type	d/n passive, with independent stabilization and laser range finder
Magnification (d/n)	x7 & x3/x8.5
Field of view (day/night)	9 and 20 deg/5.3 deg
Vision	
commander	4 periscopes
gunner	2 periscopes
driver	3 periscopes
	1 night pass.

CHASSIS

Engine	4 stroke, multi-fuel, diesel, liquid cooled, with 2 turbo-chargers and air cooler
	780 kW at 2000 rpm
Transmission	mechanical with multiplicator, two gear-boxes with side, transmission in gear-box axis, hydraulic steering
	7 forward, 1 reverse gear
Electrical system	
voltage	27 (+2,-5) V
batteries	12 V, 140 Ah
total capacity	280 Ah

COMMUNICATION EQUIPMENT

UHF trancievers	
model	VRQ 316 HE/HG
frequency range	30-87.975 Mhz
num of programmed channels	8
hopping rate	100 hops/sec.
rated range	20 km
Intercom equipment	
model	BCC 600

