



INFANTRY FIGHTING VEHICLE IFV



DESIGN AND MANUFACTURING COMPANY UKRAINIAN ARMOR



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IFV

COMPOSITION

- Weapons stabilizer and modern and digital fire control system
- Panoramic vision system for commander
- Observation devices for crew and landing party
- Infrared devices for commander, driver and landing party
- Television observation system
- Power-shift Allison 3040MX
- Basic and auxiliary radio station
- Internal communication equipment
- Navigation equipment
- Flow ventilation
- Radiological detection equipment PRHR-M1
- Fire extinguishing system
- Deception device
- Smoke screen system
- HVAC

autonomous heating, air conditioning, equipment for a self-entrenchment, autonomous power unit

POWER UNIT

Engine

Scania DC13 095A/CAT 9.3 540 kW(734 hp)/447 kW(608 hp)

Launcher system

Prestarting heating system

PERFORMANCE CHARACTERISTIC

Max speed

roadwater

- 60 km/h 10 km/h
- Max speed on rear speed drive
 - 40 km/h
- Cruising action on the road 60
 - 600 km

DIMENSIONS

Length Height

7250 mm

Width (depending on IV)

3510 mm 2905...3300 mm

Base

4550 mm

(by exle outer extremeties)
Wheelbase

2750 mm

Ground Clearance

450 mm

MIX OF ARMAMENTS OF A WEAPON STATION

Automatic gun

30 mm

Mortar launcher

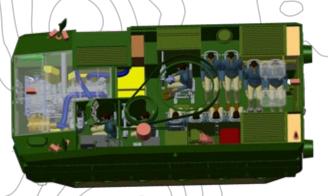
30 mm; 40 mm

Gun

7,62 mm

Antitank missile system

212 («Barier»), 2 launchers



OBSTACLES TAKEN ON DRY MATTED GROUND

Climbing power

30°

Roll

25°\

Spanning ability
less than 2.5 м

Maximum wall

0,7 м

FORDING CHARACTERISTICS

Maximum water entry angle

25°

Maximum water exit angle

15°

Water obstacle length

Without limits (limited only to fuel capacity)

Maximum heaving

2 points (wave height less than 75 cm)

SPECIFICATION

Type of the sample

full tracked, armored, closed, natatorial

GVW

less than 21 t. +3%

GVW with add-on protection

less than 25 t. +3%

Crew

3 pers.

Landing party

8 pers.

Max rated power with structural armor (using an CAT 9.3 engine)

28,57 hp/t

Max rated power with add-on armor (using an Scania DC13 095A engine)

29 hp/t

