



SPETS  
TECHNO  
EXPORT

# LIGHT ARMORED VEHICLES



# VARTA

## LIGHT ARMORED VEHICLE



## LIGHT ARMORED VEHICLE

**VARTA** is an Armored Personnel Carrier (APC). It is ideal for transporting soldiers in combat situations and can also be equipped as a Command Vehicle, or troops evacuation vehicle



The vehicle compartment is made from specialized 560 steel grade which protects crew from armored piercing incendiary ammo up to 7.62mm. VARTA uses a V-shape hull structure to accommodate anti-mine seats, giving crew members protection to withstand detonation of charges up to 6 kg of TNT. VARTA includes a fighting module equipped with either 7.62 mm or 12.7 mm machine gun. The vehicle has 10 gun ports around with the feasibility of accommodating a UBGL (Under-Barrel Grenade Launcher)



## MAIN SPECIFICATIONS



### PROTECTION

Against firearms of 7.62x39 mm caliber from a distance of 10 m and mine blast protection under a wheel or bottom up to 6 kg TNT

### WHEEL ARRANGEMENT

4 x 4 (chassis with increased all-terrain travel capability)

### ENGINE

6-cylinder in-line turbo diesel, 270 or 380 hp. 1128 N\*m or 1250 N\*m, at 1200-1600 rpm

### MAXIMUM SPEED

100 km/h on road

### FUEL TANK

350 l

### TIRE SIZE

14,00 R20 or 16,00 R20

### CREW

2+8

### GVW

17 500 kg

### TRANSMISSION

9 Gear Manual Transmission

### MAXIMUM RANGE

1000 km on the highway-type road

### FORDING

0,75 m

### GUN PORTS

10

## MAIN SPECIFICATIONS

### TIRE INFLATION SYSTEM

- Automatic Centralized Tire Inflation System
- For different road surfaces
- Runflat will allow continued operation even after a partial or complete loss of pressure for up to 50 km at a speed of not more than 30 km/h

### ACCESSORIES

Front and rear cameras, GPS navigation

### FIRE EXTINGUISHING SYSTEM

Automatic systems for crew compartment with Ultraviolet and Infrared detectors

### WEAPON

Gunner station with a gunner protection on the roof that can support machine gun systems including 7.62 mm

### LIVING FACILITIES

Air-conditioning, heater, airflow ventilation, first aid kit, powder gas air extraction system

### FILTER VENTILATION SYSTEMS

Provides protection from natural pollutants from the atmosphere and from use of weapons of mass destruction (WMD)

### SEATS

Military blast protection and absorbing seats have five-point seat belts



<b>LENGTH</b>	8000 mm
<b>WIDTH</b>	2600 mm
<b>HEIGHT</b>	3600 mm

<b>WHEEL BASE</b>	3950 mm
<b>GROUND CLEARANCE</b>	320 mm

<b>SIDE SLOPE</b>	20°
<b>GRADIENT</b>	25°

## ANTI-MINE SEATS

Modern anti-mine seats tested at STANAG 4569 protection standard

Levels are based on and meet NATO AEP-55 standard

### EQUIPPED WITH:

- advanced energy damper attenuation system
- wall mounted
- 5 point seat belt system
- folding seat
- foldable headrest
- waterproof external coating



# VARTA AND NOVATOR



# NOVATOR

LIGHT ARMORED VEHICLE



## NOVATOR



### **LIGHT ARMORED VEHICLE**

NOVATOR is an armored vehicle based on a redesigned and ruggedized Ford F550 chassis. It can seat 5 soldiers within a cabin and has enough open-topped beds that can be configured for customer needs

## MAIN SPECIFICATIONS



### PROTECTION

#### Crew Compartment

7.62 bullet impact 57-N-323 with 10 m distance and 850 m/s impact speed

#### Floor

Explosive blast of 2 hand grenades of the RGD-5 type from the bottom of the vehicle and wheel

### WHEEL ARRANGEMENT

4x4

### ENGINE

#### Type

Turbo Diesel, Ford V8 Super

#### Output

Not less than 300 hp

#### Torque

996 n\*m at 1600-2800 RPM

#### Capacity

6,7 l

### MAXIMUM SPEED

Up to 140 km/h on road

### FUEL TANK CAPACITY

160 l

### WHEELS AND TIRES

335/80R20

### DRIVE RANGE

Up to 500 km

### GEARBOX

6 gear automatic

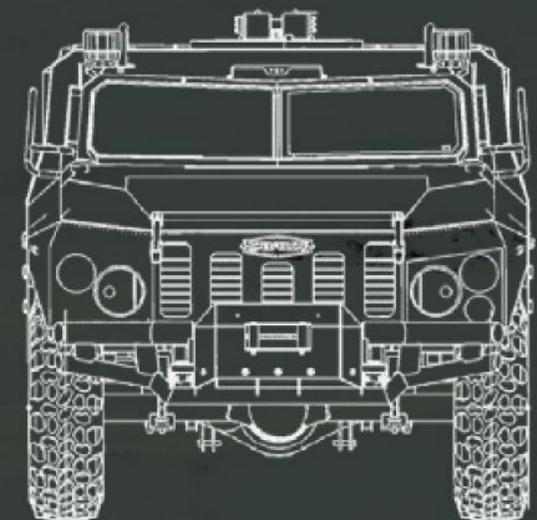
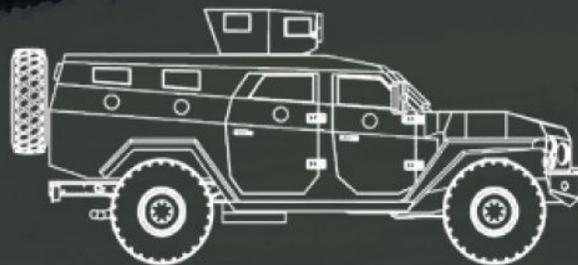
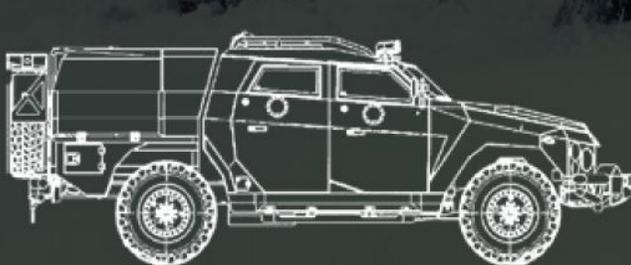
# MAIN SPECIFICATIONS

<b>ACCELERATING TO 100 KM/H</b>	10,6 s
<b>BRAKING DISTANCE</b>	8 m at a speed of 40 km/h
<b>TURNING RADIUS</b>	Minimum 8 m
<b>FORDING</b>	0,75 m
<b>BLAST PROTECTION SEATS (WITH 5 POINT BELTS)</b>	2+3/2+7
<b>RUNFLAT SYSTEM</b>	Runflat Inserts
<b>SUSPENSION</b>	Modernized Heavy-duty Suspension
<b>CHASSIS</b>	Ford F-550
<b>BRAKES</b>	Ventilated brakes with ABS

<b>Length</b>	6400 mm
<b>Height</b>	2385 mm
<b>Width</b>	2350 mm
<b>Wheelbase</b>	3605 mm
<b>Ground clearance</b>	300 mm

<b>Gross vehicle weight</b>	8845 kg
<b>Payload</b>	1845 kg
<b>Combat weight</b>	7000/7945 kg

<b>Gradient</b>	30°
<b>Side slope</b>	20°



## OTHER FEATURES



### OTHER FEATURES

- 5 gun ports
- Air-conditioner
- Heater
- Filtered ventilation system
- Powder gases extraction system
- Electrical winch with 7 t towing capacity and 25 m length

### SEATING CAPACITY

- 5 — surveillance and reconnaissance vehicle
- 8/10 — armored personnel carrier

# OFF-ROAD CAPABILITY





**SPETS  
TECHNO  
EXPORT**

EST. 1998

## **SPETSTECHNOEXPORT**

A major Ukrainian state-owned foreign trade enterprise, which specializes in export and import of military and dual-use products and services globally, as well as on promoting innovations, transfer of technology and military-technical cooperation

---

OVER

---

**20**

years of  
experience

**30**

partner  
countries

**170**

state and private  
producers

**30**

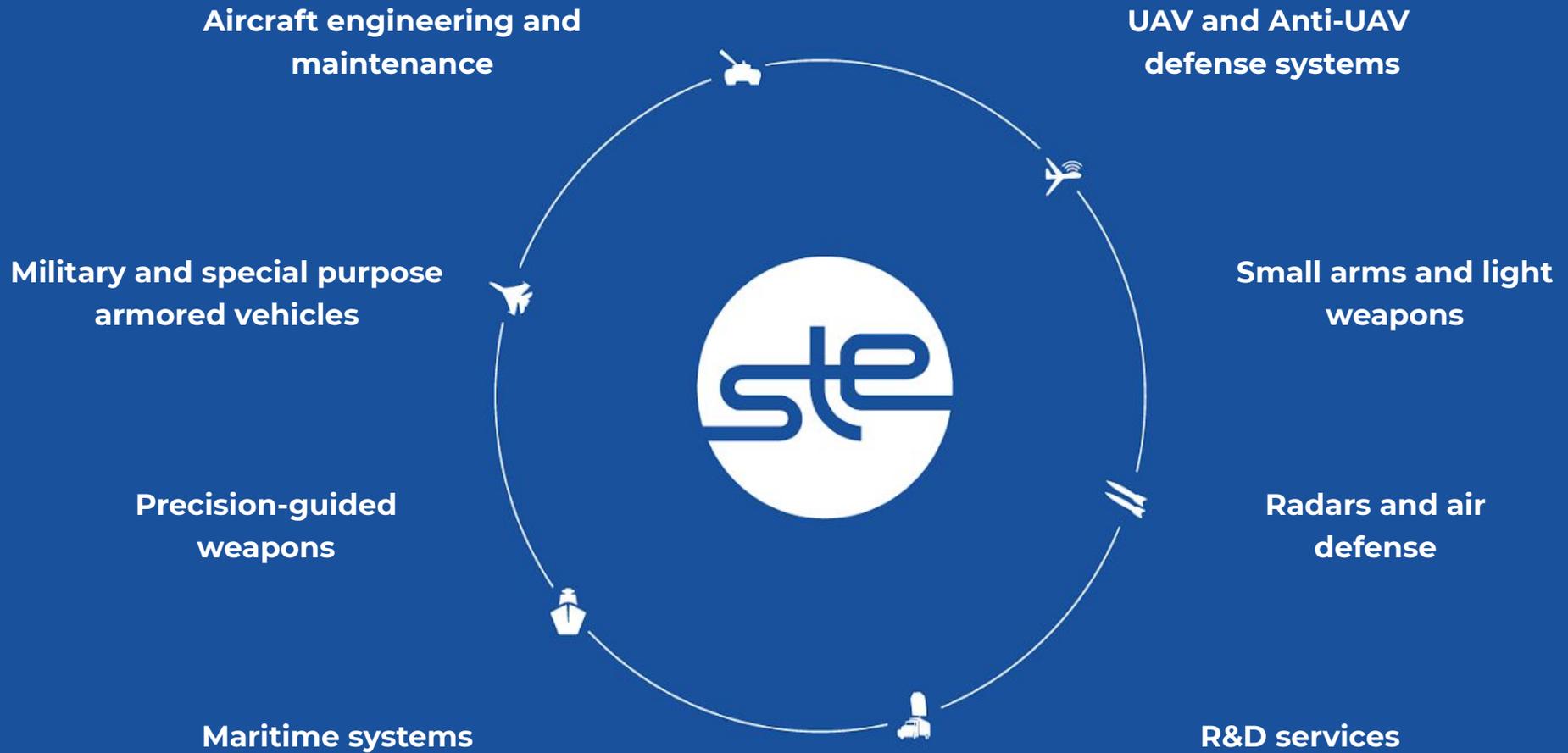
research centers  
and design bureaus



**UKROBORONPROM**

Ukrainian Defence Industry

# OUR EXPERTISE





**STATE TRADE FOREIGN ENTERPRISE  
SPETSTECHNOEXPORT**

7, Stepana Bandery Avenue, Kyiv, 04073, Ukraine

Tel.: +38 (044) 568 50 70

Fax: +38 (044) 568 53 48

E-mail: [office@ste.kiev.ua](mailto:office@ste.kiev.ua)

[www.spetstechnoexport.com](http://www.spetstechnoexport.com)