



SPETS
TECHNO
EXPORT

OPLLOT

MAIN BATTLE TANK



ABOUT

MAIN BATTLE TANK Oplot

is the latest generation of tracked combat vehicles of high firepower, reliable protection, and high mobility. The tank is intended to destroy all ground-based (surface) and low-flying low-speed air targets in conditions of enemy countermeasures. Oplot can perform a wide range of combat tasks under various weather, surface conditions, and ambient temperatures ranging from -40°C up to $+55^{\circ}\text{C}$, relative atmospheric humidity of 98%. The vehicle can operate in dust environments and at an altitude of 3000 m



MAIN SPECIFICATIONS



ENGINE

MULTIFUEL ENGINE 6TD-2
1200 HP



TRANSMISSION

Automatic



MAXIMUM SPEED

70 km/h — forward
40 km/h — backward



MAXIMUM RANGE (ON ROAD)

400 km



WEIGHT

51 t



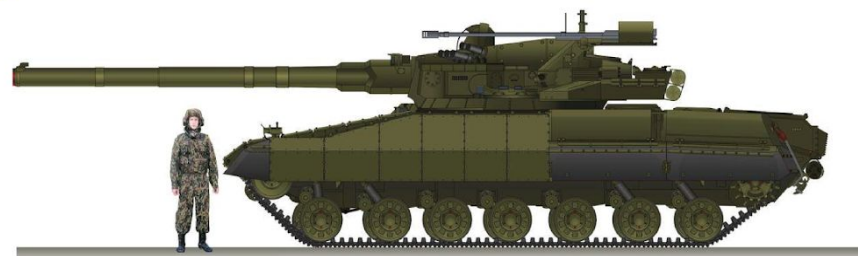
DIMENSIONS

9720 x 4176 x 2800 mm



CREW

3



ARMAMENT

TYPE

CALIBER

ARMAMENT	TYPE	CALIBER
MAIN GUN	KBA-3	125 mm
COAXIAL MACHINE GUN	KT-7,62	7,62 mm
ANTI-AIRCRAFT MACHINE GUN	KT-12,7	12,7 mm



KEY ADVANTAGES OF TANK OPLOT

- Tank turret rotates on 180° under 5 s
- Combined active and reaction protection NIZH type
- Smokeless engine start mode
- Digital dashboard for driver mechanic
- Thermal sighting system over 8 km
- Barrel fired guided-missiles
- Automatic loading mechanism
- RCWS type anti-aircraft machine gun
- Multi-fuel engine: diesel, gasoline, jet fuel, kerosene



UPON REQUEST CAN BE EQUIPPED

- 120 mm caliber main gun
- communication system of the customer
- air-conditioner
- additional energy aggregate
- camouflage modifications

TANK LOADER



High-explosive
fragmentation
shells



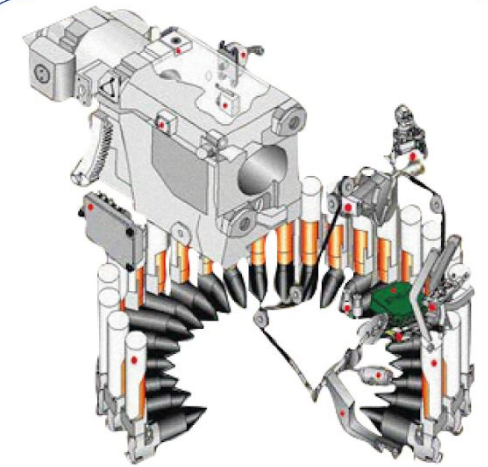
Munroe
effect



Universal
rockets



Armor-piercing
discarding
sabots



AUXILIARY ARMAMENT



KT-12.7 MACHINE GUN
with anti-aircraft target
system



COMMANDER'S PANORAMIC SIGHTING SYSTEM

Joint use of panoramic sight and
remote-controlled
machine gun to strike air targets



KT-7.62 COAXIAL MACHINE GUN



FIRE CONTROL SYSTEM



Aim of the pointer.
1G46M daylight



Aim of the pointer.
RTT-2 thermal-imaging



BALLISTIC COMPUTER



Commander's
panoramic sight



Incoming signals.
Wind sensor



GUNNER'S STATION



BARREL BEND REGISTRATION SYSTEM



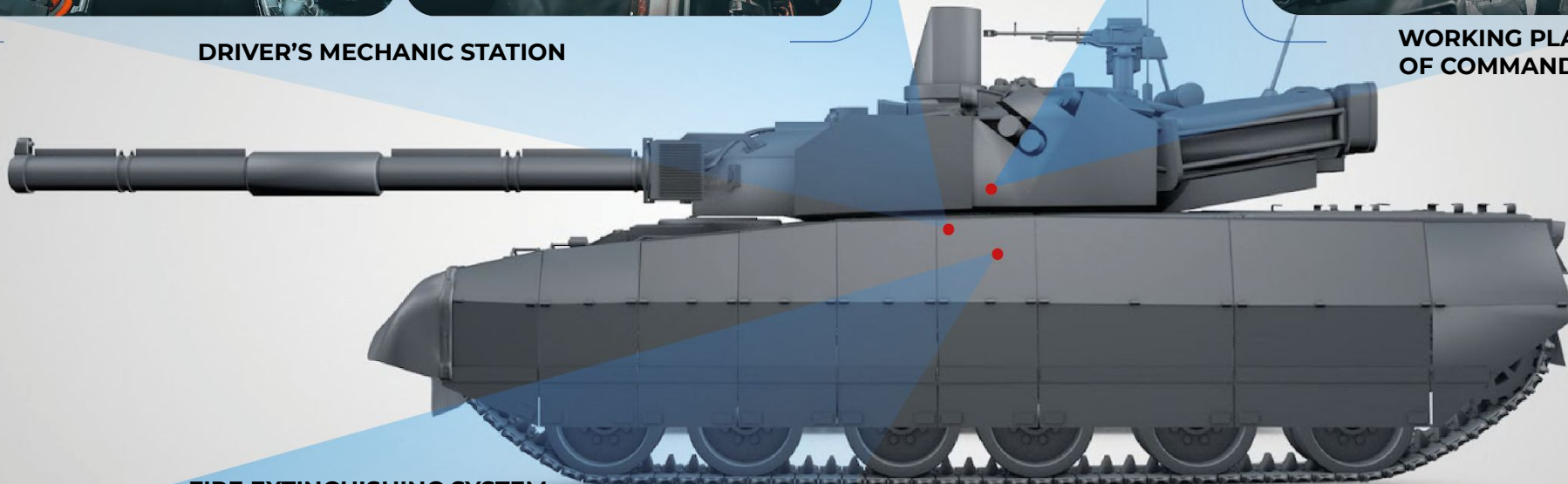
INSIDE THE TANK



DRIVER'S MECHANIC STATION



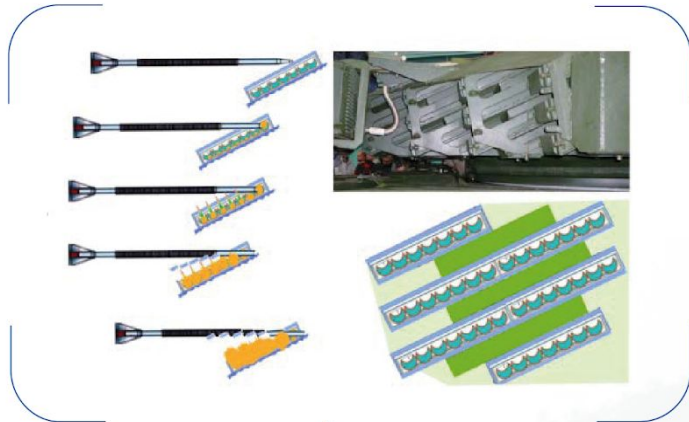
**WORKING PLACE
OF COMMANDER**



FIRE EXTINGUISHING SYSTEM



COMBINED ACTIVE AND REACTIVE PROTECTION SYSTEM

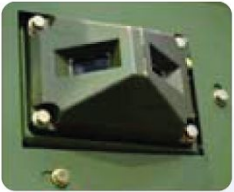


NIZH-2
Explosive
reactive armor



VARTA – OPTRONIC COUNTERMEASURE SYSTEM

SENSOR



DUPLET

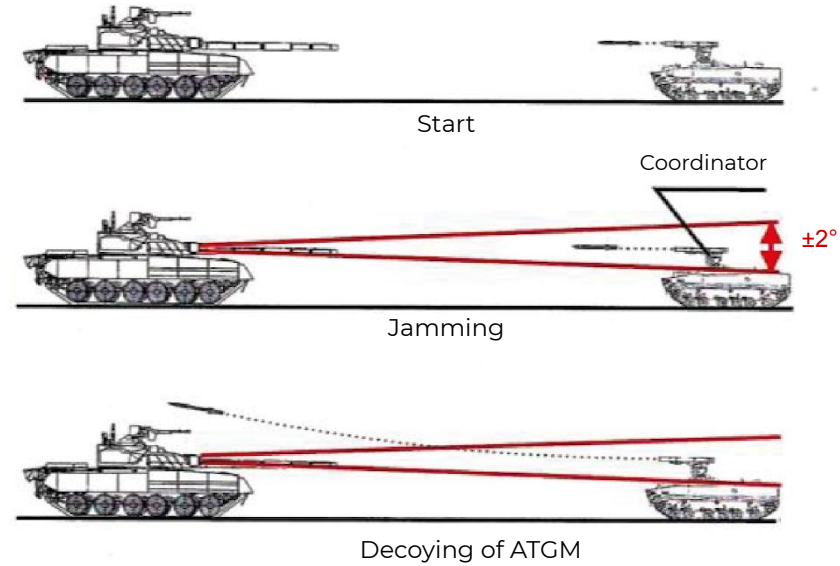


Built-in anti-tandem
warhead explosive reactive
armor

SENSOR



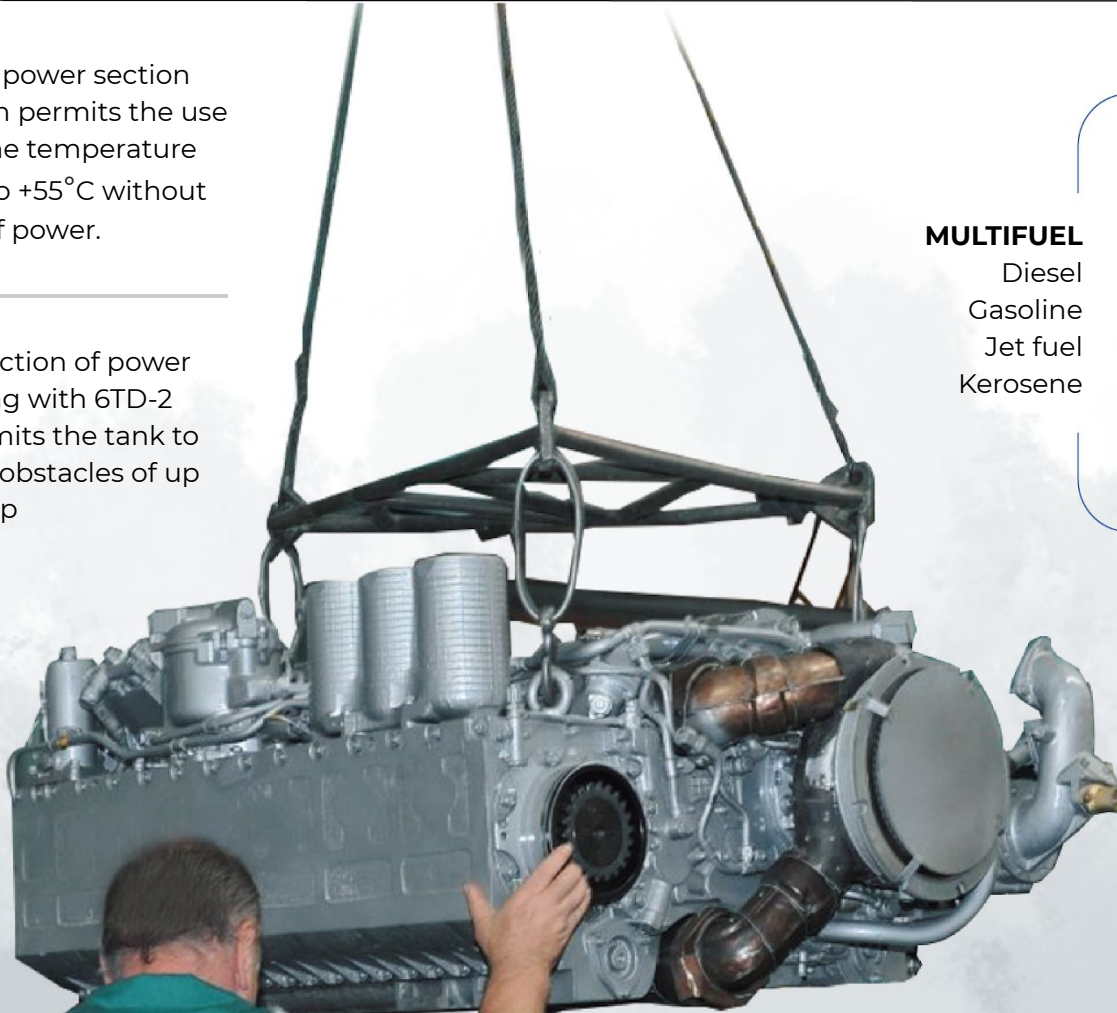
EMITTER



POWER UNIT ASSEMBLY

Engine and power section construction permits the use of tank at the temperature level of up to +55°C without the losses of power.

The construction of power section along with 6TD-2 engine permits the tank to cross water obstacles of up to 1.8 m deep



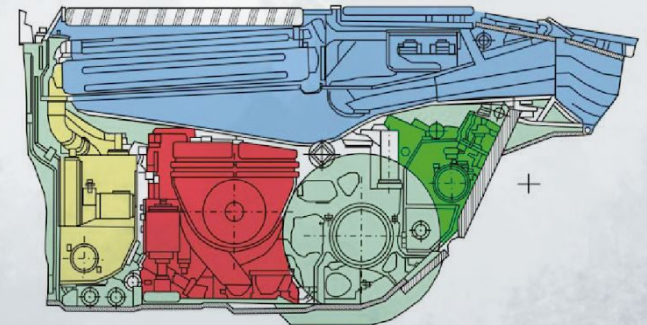
MULTIFUEL

Diesel
Gasoline
Jet fuel
Kerosene

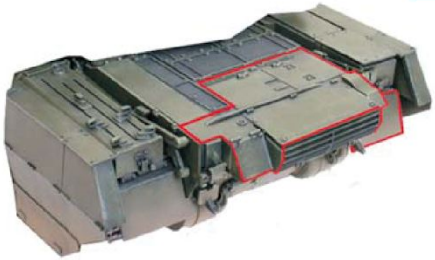


6TD-2 TWO-STROKE ENGINE

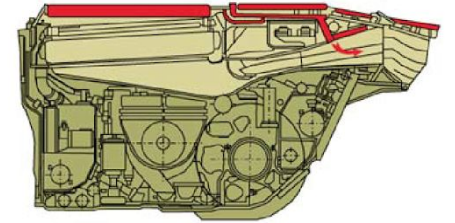
Power of 1200 HP



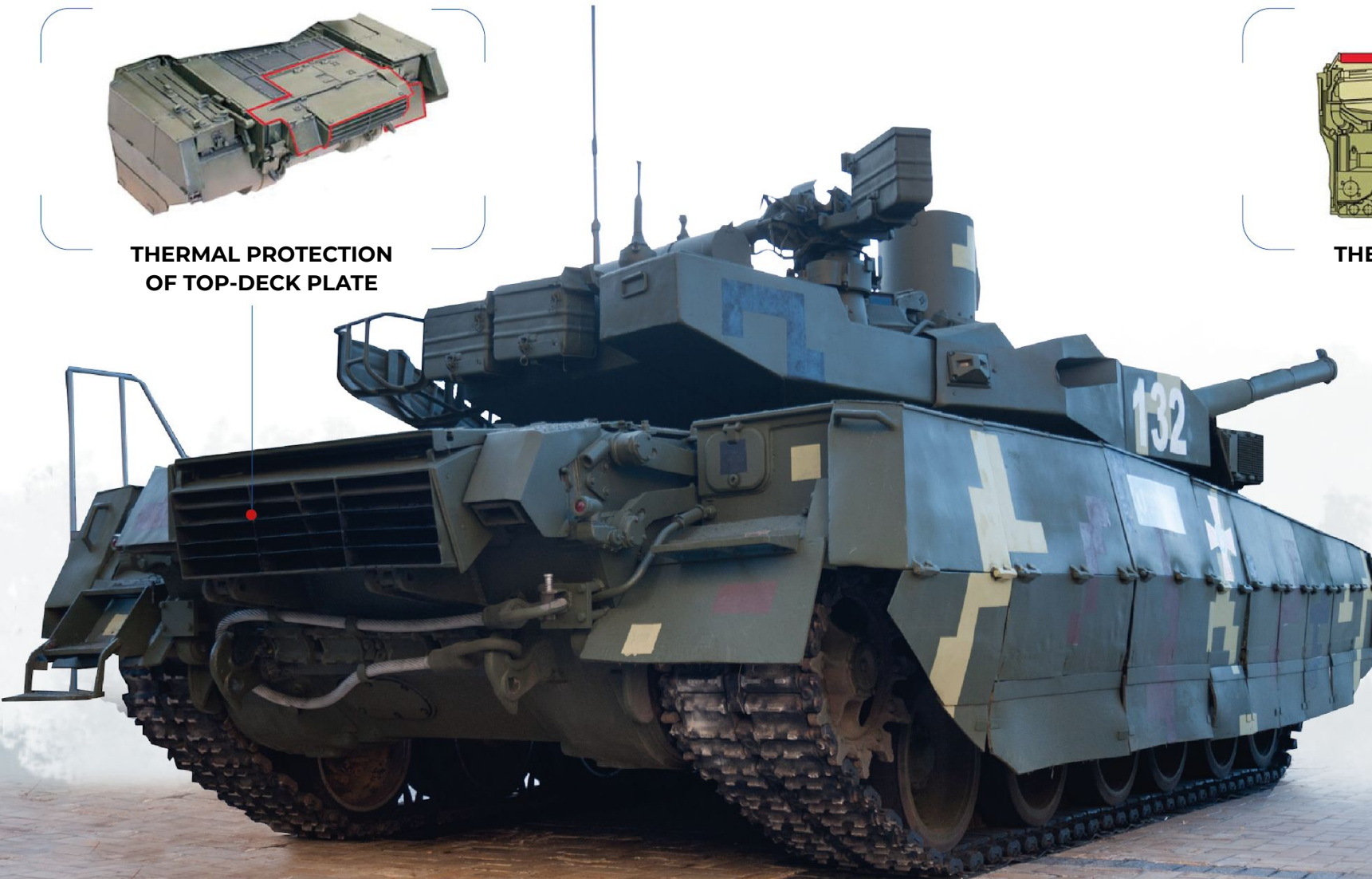
THERMAL VISIBILITY REDUCTION



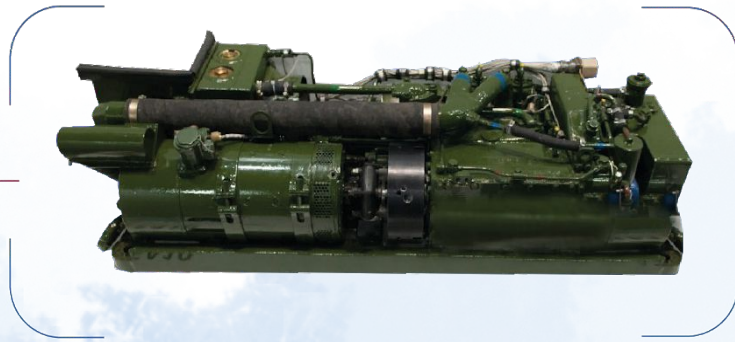
**THERMAL PROTECTION
OF TOP-DECK PLATE**



**THERMAL PROTECTION
SCREENS**



EA-10 AUXILIARY POWER UNIT



DIMENSIONS
1300 x 495 x 315 mm

RATED POWER
10 kW

WEIGHT
250 kg

RATED VOLTAGE
28,5 V

FUEL CONSUMPTION
4,2 kg/h

OIL BURN RATE
0,09 kg/h



MOBILITY



BREM-84 ATLET

CRANE

MAXIMUM CAPACITY	25 t
MAXIMUM RADIUS	6.8 m
JIB SWINGING ANGLE	0-75°
JIB TRAVERSING ANGLE	360°
CRANE TRAVERSING SPEED	0.2-1.5 rpm
HOOK LOWERING AND HOISTING SPEED	0.2-6 m/min

Atlet ARRV is used in the composition of repair and recovery groups in the rear of tracked convoys when conducting a march, DVAPs, units and formations, recovery groups during fording operations, maintenance points, etc. They strengthen mobile maintenance means of tank battalions, division mechanized brigades and other units and formations, equipped with heavy tracked equipment



ENGINE

6TD-2, 1200 hp



MAXIMUM TRACTION FORCE

250 kN



OPERATING WEIGHT

46 t

Ground pressure — 0.93 kg/cm²



DIMENSIONS

8890 x 3560 x 2740 mm



ROPE OPERATIONAL LENGTH

130 m



CREW

3





**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

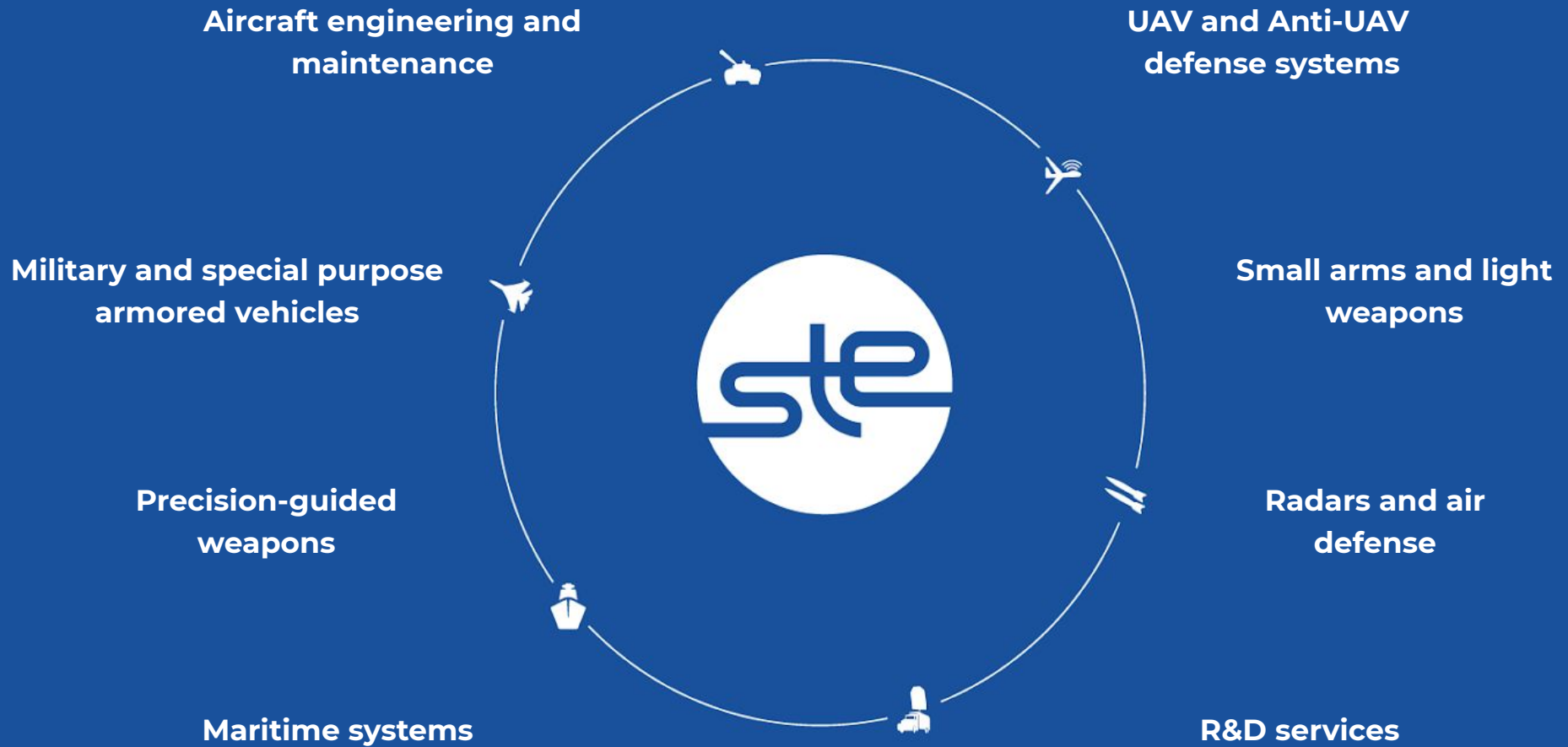
research centers
and design bureaus



UKROBORONPROM

Ukrainian Defence Industry

OUR EXPERTISE





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