



SPETS
TECHNO
EXPORT

VILKHA

MULTIPLE LAUNCH ROCKET SYSTEM



MULTIPLE LAUNCH ROCKET SYSTEM

VILKHA is designed to destroy armored, lightly armored and unarmored vehicles, enemy manpower, command posts, communication centers, military-industrial facilities, aboveground facilities for storage and other purposes at long distances



GUIDED ROCKET

The initial part of the trajectory of a rocket flight correction is provided with the help of pulse engines that reduce the rocket flight deviation from the preset trajectory to a minimum. The rocket is aimed at the target by an inertial and satellite navigation system using aerodynamic control surfaces. VILKHA MLRS ensures the formation of individual flight tasks for each rocket that makes it possible to defeat several targets by one salvo



GUIDED ROCKET

MAIN SPECIFICATIONS

Quantity of rockets in multiple launching pod	12 pcs
Maximum firing range	Up to 125 km
Rocket length	7600 mm
Rocket caliber	300 mm
Rocket weight	860 kg
Guidance system	INS+GPS
Quantity of control channels	12
Duration of full salvo	Not more than 40 s
Time of rocket control	Not more than 3 min
Ambient temperature	From -40°C to +55°C



LIST OF EQUIPMENT



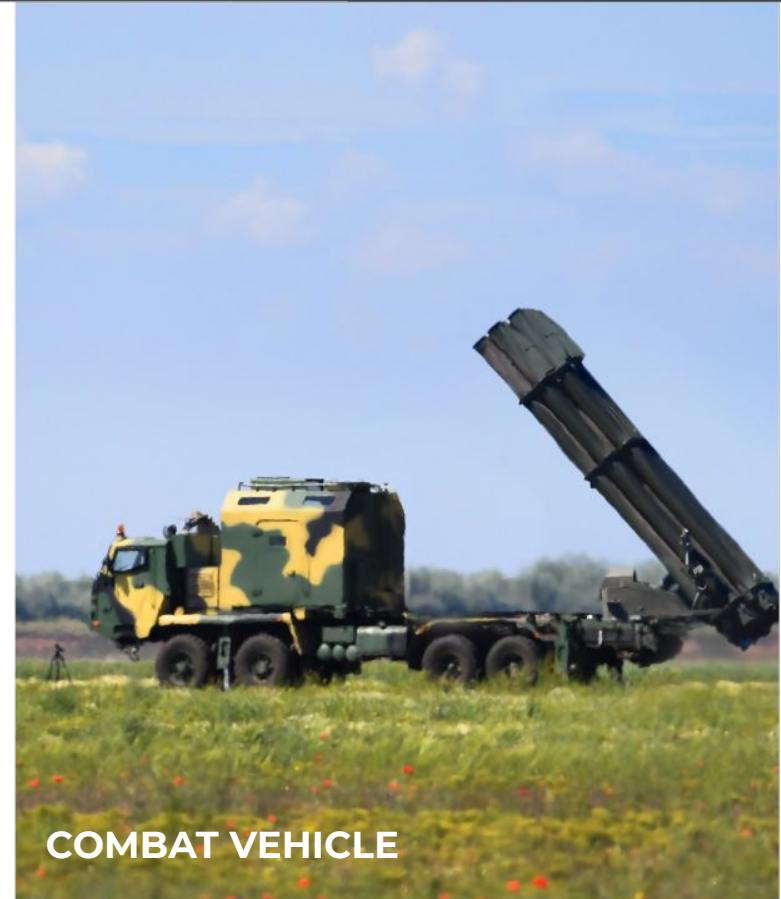
GUIDED ROCKET



TRANSPORTING-LOADING VEHICLE



MOBILE COMMAND POST



COMBAT VEHICLE

THE MLRS CONSISTS OF:

- Guided rocket
- Combat vehicle
- Transport-loading vehicle
- Mobile command post
- Test and control equipment
- Operational documentation

COMBAT VEHICLE

A combat vehicle is designed to provide automatic pre-launch preparation and launch of guided rockets, as well as for storing and transportation of guided rockets



QUANTITY OF ROCKETS

12 pcs



MAXIMUM SPEED OF THE MOVEMENT

On highway - 60 km/h
On dirt roads - 20 km/h



WEIGHT WITH ROCKETS

Up to 30 t



WEIGHT WITHOUT ROCKETS

Up to 20 t

KrAZ-7634HE-000

LIFTING AND TURNING MECHANISM

FIRING CONTROL SYSTEM

GUIDED MISSILES



MOBILE COMMAND POST

A MOBILE COMMAND POST WITH AN AUTOMATED FIRING CONTROL SYSTEM



MAXIMUM SPEED OF THE MOVEMENT

On highway - 60 km/h
On dirt roads - 20 km/h



TOTAL WEIGHT

25 t



OVERALL DIMENSIONS

9000 x 2800 x 3300 mm

- Data exchange between headquarters
- Radio and telephone communications
- Planning of fire
- Collection and analysis of information
- Processing of meteorological data
- Training of personnel

KrAZ-7634



TRANSPORTING-LOADING VEHICLE

KrAZ-7634HE-000

The transport-loading vehicle is designed for transporting, loading, unloading and reloading guided rockets or mock-ups used for personnel training in a combat vehicle



**MAXIMUM SPEED
OF THE MOVEMENT**
on highway - 60 km/h
on dirt roads - 20 km/h



WEIGHT WITH ROCKETS
34 t



**WEIGHT WITHOUT
ROCKETS**
25 t



OVERALL DIMENSIONS
9000 x 2800 x 3300 mm



TEST AND CONTROL EQUIPMENT

Test and control equipment is designed to monitor and evaluate the parameters of the rocket during its operation, as well as during acceptance tests by the manufacturer

1. Operator panel
2. System unit
3. Switch of electric power circuits
4. Control panel of pyrotechnic circuits
5. Self-control unit



POWER SUPPLY - SINGLE-PHASE ELECTRIC NETWORK

~ (50 ± 1) Hz, (220 ± 22)



POWER CONSUMPTION

Not more than 2 kV·A



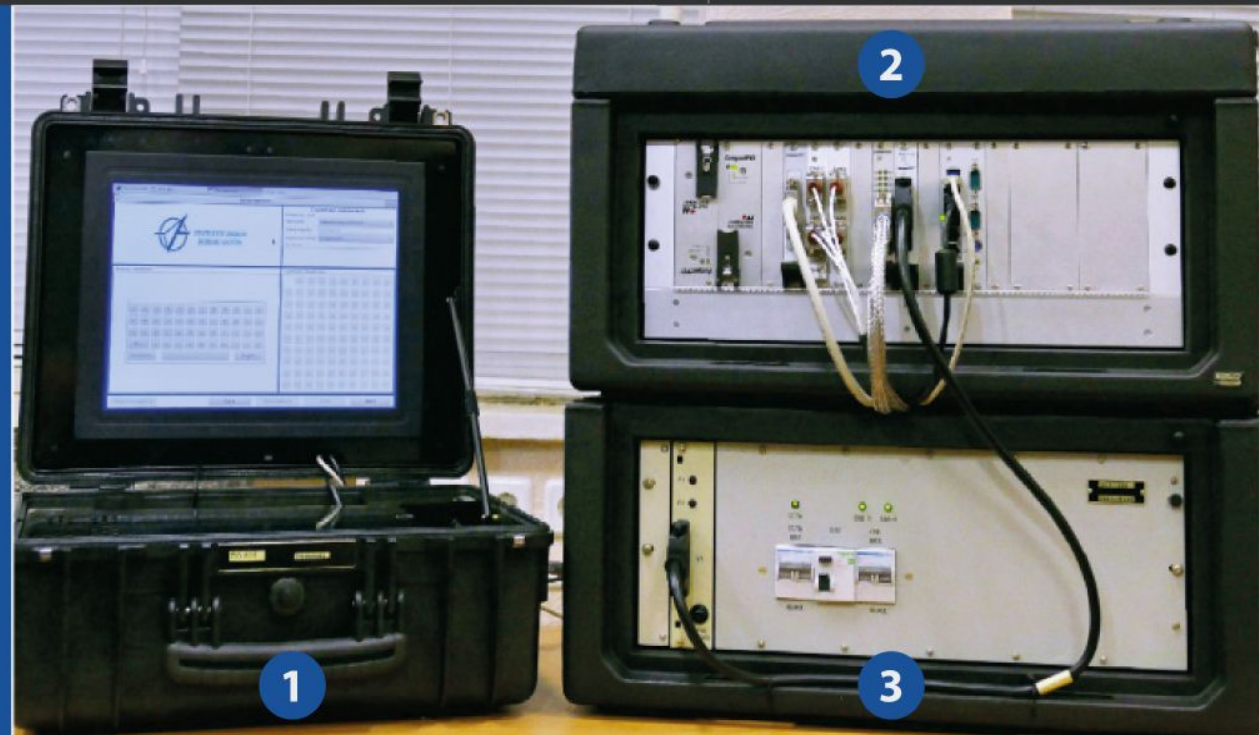
UNIT CONTROL TIME

Not more than 3 min

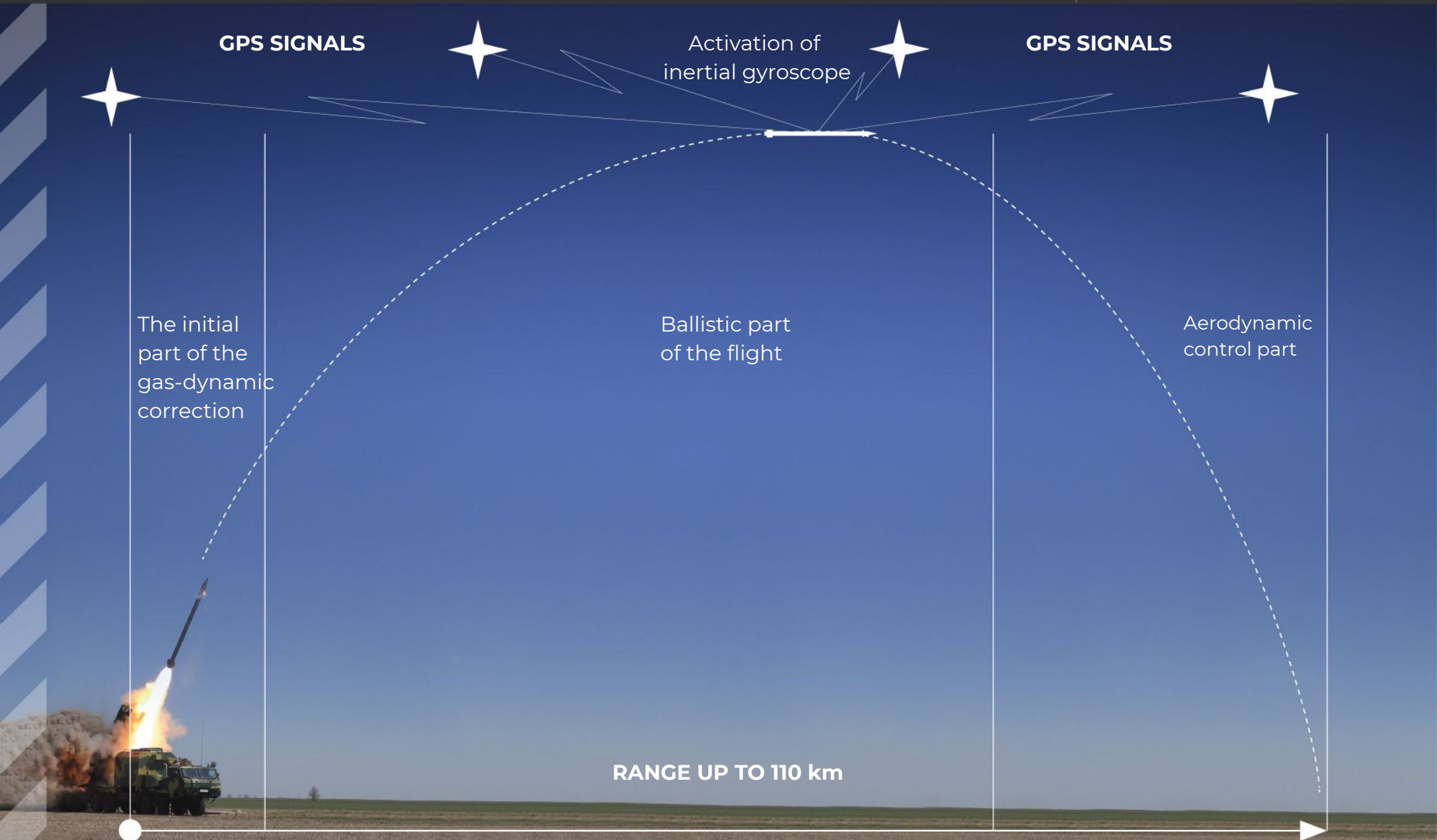


SELF-MONITORING TIME

Not more than 2 min



SYSTEM APPLICATION SCHEMA





**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

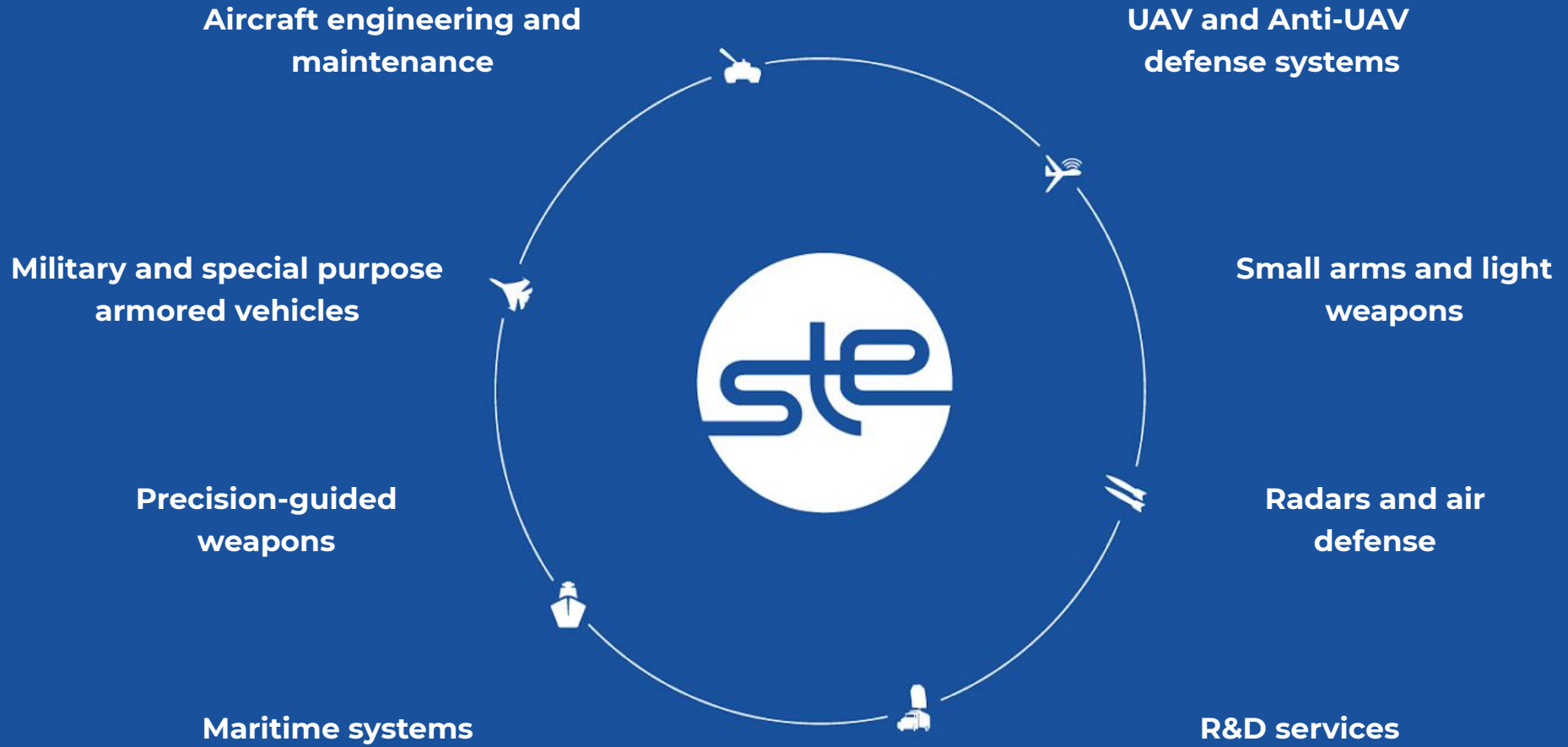
research centers
and design bureaus



UKROBORONPROM

Ukrainian Defence Industry

OUR EXPERTISE





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