



NEPTUNE

360ST MISSILE SYSTEM



PURPOSE

“NEPTUNE” 360ST MISSILE SYSTEM is a land-based cruise missile system with anti-ship missiles. It is intended to defeat warships such as cruiser, destroyer frigate, corvette, airborne, tank landing ships and vehicles, which operate both independently and as part of the ship groups and amphibious groups, and coastal radiocontrast targets in visual and adverse meteorological conditions, at any time, at active fire and electronic countermeasures of the enemy.

The system can be based on the different carriers at the customer’s request.

MAIN SPECIFICATIONS

Firing range, km	up to 300
Remoteness of the firing position from the coastal strip, km	not more than 25
Maximum ammunition reserve, pcs.	72
Maximum quantity of missiles in salvo from 4 launchers, pcs.	16
Firing interval in salvo, s	from 3 to 5
Maximum speed, km/h: - on highway - on dirt road	70 20
Time of deployment of a system in the new position, min	up to 15
Missiles flight altitude range above the wave crest on the final part of trajectory, m	from 3 to 10



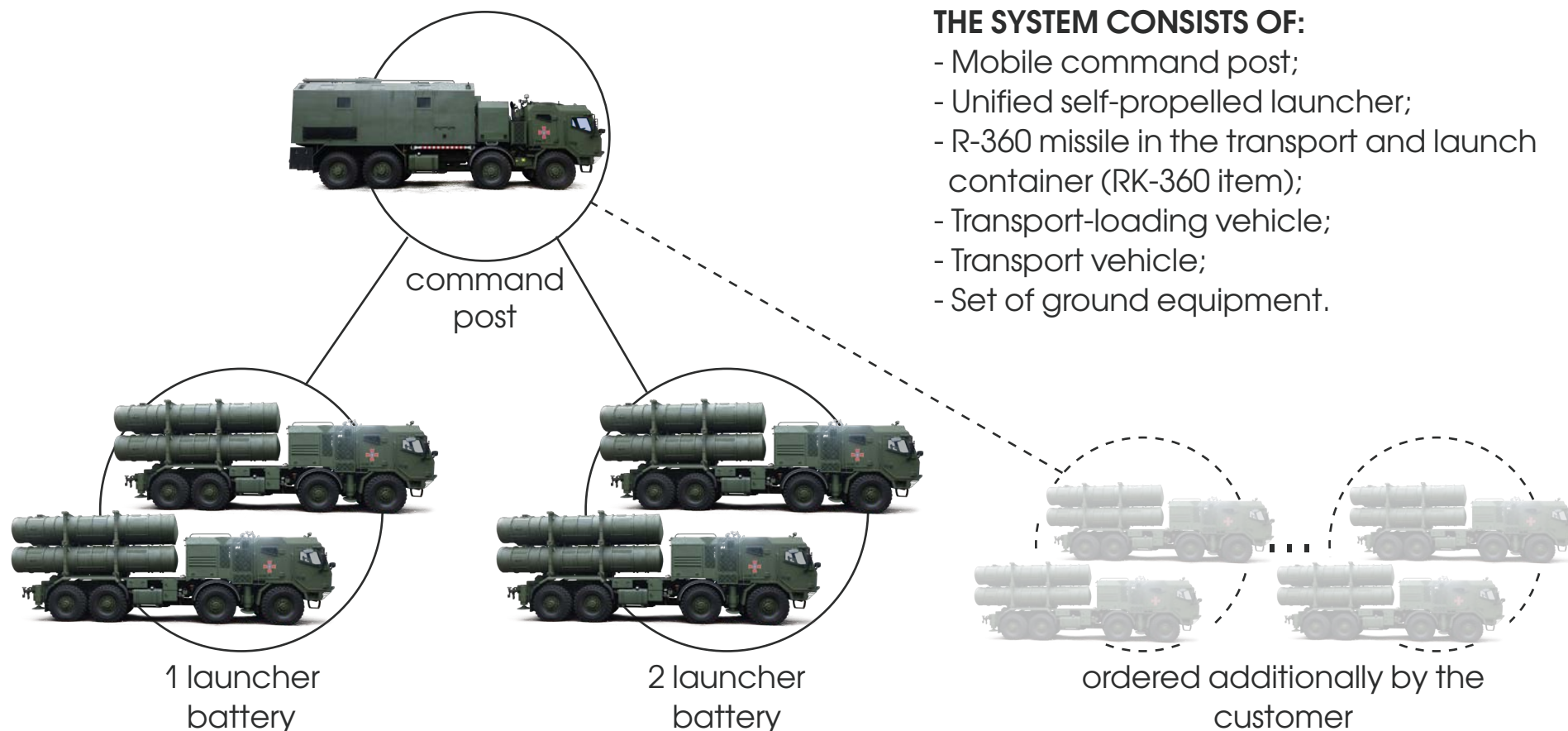
PERFORMANCE AND ACCURACY



PERFORMANCE AND ACCURACY



STRUCTURE AND COMPOSITION OF THE SYSTEM



Mobile command post – 1 pcs.



RK-360 – 48 pcs.



Transport vehicles – 4 pcs.



Launchers – 4 pcs.



Transport-Loading Vehicles – 4 pcs.



Set of ground equipment – 1 set.

MOBILE COMMAND POST

It is intended for automated control of the components of the 360ST system, ensuring stable communication with the upper management and components of the system.



MAIN SPECIFICATIONS

Maximum speed of the movement, km/h:	
- on highway	70
- on dirt road	20
Maximum time of deployment, min	not more than 10
Types of communication	satellite, SW, USW
Crew	4

UNIFIED SELF-PROPELLED LAUNCHER

It is intended for temporary storage, transportation of RK-360 items, preparation for launch and launch of R-360 missiles.



MAIN SPECIFICATIONS

Number of transported RK-360 items, pcs.	4
Maximum speed of the movement, km/h:	
- on highway	60
- on dirt road	20
Deployment time of a system in the new position, min	up to 15
Types of communication	satellite, SW, USW
Crew	3

R-360 MISSILE

It is intended to destroy cruiser, destroyer, frigate, corvette, amphibious, tank landing ships and vehicles, which operate both independently and as part of ship groups, and airborne troops and coastal radio contrast targets in visual and adverse meteorological conditions, any time of day and year, with active electronic countermeasures of the enemy.



MAIN SPECIFICATIONS

Missile in container weight, kg	up to 870
Warhead weight, kg	150
Missile diameter, mm	420
Maximum range, km	up to 300

TRANSPORT-LOADING VEHICLE

It is intended for temporary storage, transportation and handling of RK-360 items.



MAIN SPECIFICATIONS

Number of transported RK-360 items, pcs.	4
Maximum speed of the movement, km/h:	
- on highway	70
- on dirt road	25
Time of deployment, min	up to 10
Reload time, min	up to 10
Type of communication	USW

TRANSPORT VEHICLE

It is intended for temporary storage, transportation of RK-360 items.



MAIN SPECIFICATIONS

Number of transported RK-360 items, pcs.	4
Maximum speed of the movement, km/h:	
- on highway	70
- on dirt road	20
Time of deployment, min	up to 10
Type of communication	USW

SET OF GROUND EQUIPMENT

It is designed to operate RK-360 items and R-360 missiles at storage sites and provides:

- Monitoring the technical condition of RK-360 items and R-360 missiles when carrying out maintenance using the Automated control system;
- Items displacement within the technical position of Set of ground equipment ;
- Removing (loading) of R-360 missiles from transport and launch containers (to transport and launch containers);
- Fuelling of R-360 missiles with fuel (defueling of R-360 missiles);
- Rigging work with Items on the technical position of the Set of ground equipment ;
- Filling with nitrogen gas and checking for leaks of RK-360 item.

COMPONENTS:

- Truck vehicle of cross-country type – KrAZ 6322-0003022-02 (*Figure 1*);
- Diesel generator – EnerSol SGMS-15M (*Figure 2*);
- Stand for loading and removing of R-360 missiles (*Figure 3*);
- Battery of hauling equipment;
- Set of devices for fuelling and defueling (*Figure 4*);
- Set of rigging and grounding devices;
- Automated control system (*Figure 5*);
- Set of devices for filling with nitrogen gas and checking for leaks of RK-360 (*Figure 6*).



Figure 1



Figure 2



Figure 3



Figure 4

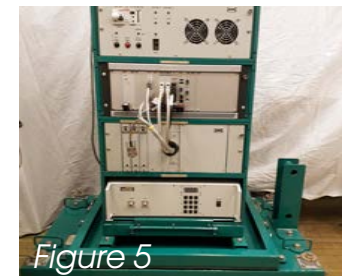


Figure 5



Figure 6

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