



# NAUDI

National Association of  
Ukrainian Defense Industries



# LUCH

STATE KYIV  
DESIGN BUREAU

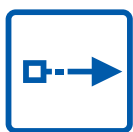


# VILKHA

## MULTIPLE LAUNCH ROCKET SYSTEM

“VILKHA” MULTIPLE LAUNCH ROCKET SYSTEM (MLRS) is designed to destroy armored, lightly armored and unarmored vehicles, enemy manpower, command posts, communication centers, military industrial facilities, above-ground facilities for store and other purposes at long distances.

“VILKHA” is capable of firing high precision guided missiles (110 km range) and also unguided rockets type 9m55k for legacy MLRS “Smerch”.



Maximum firing  
range, km

**up to 110**



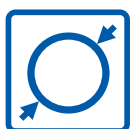
CEP (Circular Error  
Probability), less then

**30 m**



Quantity of missiles in multiple  
launching pod, pcs.

**8**



Missile  
caliber, mm

**300**



Guidance  
system

**INS+GPS**



Ambient  
temperature, °C

**- 40 ... +55**

## The system consists of:

- Guided missiles
- Combat vehicle
- Transporting-loading vehicle
- Mobile command post with UAV Target Acquisition and Surveillance
- Transport vehicle
- Service and repair vehicle
- Meteorological system
- Test and control equipment
- Operational documentation

Missile R624M was designed to replace the old missiles of MLRS "SMERCH" – legacy unguided MLRS system with very low accuracy, designed in USSR. Missile R624M is completely new high-precision missile based on the new elements and guiding gasdynamic engines.



## Technical specification

Quantity of rockets in multiple launching pod, pcs. ....

Maximum firing range, km .....

CEP (circular error probability) .....

Missile length, mm .....

Missile caliber, mm .....

Missile weight, kg .....

Warhead weight, kg .....

Guidance system .....

Quantity of control channels .....

Duration of full salvo, s .....

Time of missile control, min .....

Ambient temperature, °C .....

## Value

8

up to 110

less than 30 m in the range 110 km

7 600

300

907

220

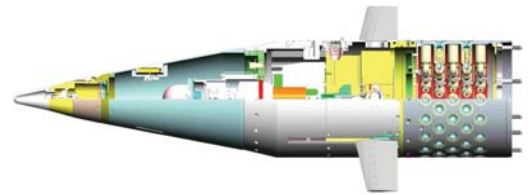
INS + GPS

8

not more than 35

not more than 3

from minus 40 to +55



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