



NORA-B52 NG

Self-propelled artillery weapon, 155 mm



This cutting-edge artillery weapon of the Serbian defense industry is the most powerful, fully automated fire support artillery weapon in cal. 155 mm with a high level of autonomy.

The weapon was made through an integration of a 155 mm weapon module on an 8x8 chassis. The weapon module is controlled from the vehicle cabin and, owing to its characteristics, can be regarded as a 155 mm RCWS.

The weapon module is built around a 155 mm autofrettaged barrel assembly that is JBMOU-compliant. The barrel is 52 calibers long, with powder chamber of 23 litres.

The most important component of the weapon module is a fully automatic loader with 30 projectiles and propellant charges, featuring the rate of fire up to 4 rounds per minute.

Additional 6 rounds are accommodated on the platform for automatic reloading, so the combat set comprises a total of 36 rounds.



Ballistic system:

- Barrel length 52 caliber
- Powder chamber volume 23 liters
- Range with ERFB projectile 32.5 km
- Range with ERFB BB projectile 41.5 km
- Range with VLAP projectile 52 km
- Ammunition compatibility All types of 155 mm ammunition
- MRSI capability 3 rounds at 30 km

Weight and dimensions:

- Combat weight < 40 t
- Length in marching position 10.5 m
- Width in marching position 2.62 m
- Height in marching position 3.9 m

Ammunition handling:

- Maximum rate of fire 4 rounds per minute
- Loading Fully automatic, with back-up manual mode
- Crew number 4
- Weapon ammunition set 30 in the automatic loader + 6 on the vehicle

Fire data and navigation:

- Navigation, positioning and Orientation system Inertial navigation system with a back-up satellite navigation system (GPS, GLONASS, ...)
- Ready to fire in (from halting to first round firing) Fully automatic fire data setting with error < 1 mil
60 seconds

Field of action:

- In traverse $\pm 30^\circ$
- In elevation from -5° to 65°

