

DEVELOPMENT

# 262 mm, 70 km GUIDED ROCKET

## Artillery rocket



Guided missile 262 mm originated from unguided rocket of the same caliber to be used from Tamnava and Shumadia modular multiple launching systems as well as Orkan/Luna quadruple launchers. Missile is cost effective solution for substantial improvement of precision and accuracy compared to free flight rocket in engaging surface targets, regarding range of fire and missile size. Guidance section is contained in front part of the missile and consists of Internal Measurement Unit (IMU), four independent canards (individually electro-mechanically actuated), guidance computer and power supply. Roll control of guidance section is enabled by rolling fins assembly section.

### MAIN SUBSYSTEMS:

- Fuse (impact or proximity)
- Guidance section with IMU and/or GPS
- Warhead (unitary HE/fragmentation or thermobaric)
- Rocket motor with composite propellant grain and single level thrust
- Fins assembly

### GENERAL CHARACTERISTICS:

Caliber	262 mm
Overall length	4400 mm
Mass	400 kg
Maximum range	up to 70km
Burn-out velocity	1250 m/s
Operational temperature range	-35°C to 50°C
CEP at maximum range	0,3% with IMU 10 m with IMU+GPS

