

EVA 8×8

155 mm 52 cal. Self-propelled Gun Howitzer

- Far-distant range of fire
- High accuracy of fire
- High mobility
- Multiple round simultaneous impact (MRSI) missions capability
- Quick preparation for fire
- Quick transition into and out of action
- Crew protection against small arms



EVA 8×8



155 mm 52 cal. EVA 8×8 presents a self-propelled autonomous artillery system with automatic loading of ammunition providing an effective fire by means of both direct and indirect aiming. Design is based on a proven 155 mm 52 cal. SpGH while overtaking maximum assemblies and design solutions verified within the course of demanding testing and tender trials performed in Slovak Republic and abroad.

- 155 mm EVA 8×8 is armed with 52-caliber barrel designed in accordance with Joint Memorandum of Understanding concerning "Standardization of Elements of 155 mm Howitzers and Ammunitions"
- Electronic equipment, diagnostics and automation of operations during loading and firing rank this weapon among the most advanced weapon systems in the world
- The weapon is equipped with the inertial navigation equipment and muzzle velocity radar
- On-board FCS enables to operate with digital maps
- For direct fire the weapon is equipped with aiming system consisting of TV camera, thermal image camera and laser range-finder
- Any 155 mm NATO standard ammunition can be fired
- 12 projectiles and 12 powder charges ready to fire are stored there in conveyers. Beds in the conveyers are universal for all the projectiles and powder charges used in the service. Eventually, there might be stored any new types of projectiles of length up to 1000 mm in the projectile conveyor and loaded by means of automatic loading mechanism
- Another 12 projectiles and 12 powder charges are carried there in hermetical packing on the truck chassis
- Electric and hydraulic power to drive the turret and chassis aggregates is supplied by chassis engine

Specification

Main Armament	155 mm Gun, 52 caliber
Traverse	± 60°
Elevation	-3.5° / + 75°
Rate of fire	
· In automatic mode	5 rounds in the 1st minute 13 rounds in 3 minutes
· In manual mode	2 rounds per minute
Range of Fire, Maximum (at 45° elevation)	41+ km when using ERFB-BB shells >50 km with VLAP ammunition
Range of Fire, Minimum	5.0 km
Ammo Carried on Vehicle	24 pcs
Ammo Ready to Fire	12 pcs
Crew	3
Chassis, Special	TATRA 8 x 8
Length, Maximum	11.5 m
Height, Maximum	3.28 m
Width, Maximum	2.7 m
Combat Weight	28 t
Speed, Maximum	90 km/h
Range of Action	600 km



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