



122 mm SELF-PROPELLED HOWITZER 2S1 "GVOZDIKA", MODERNIZED



PURPOSE:

Serbian 122 mm self-propelled howitzer 2S1 "Gvozdika-Carnation", modernized, is a lightly armored artillery weapon system with a circular action, based on the automotive and running gear of the Russian MT-LB multipurpose tracked armored chassis, which enables the protection of the crew, devices and instruments from the action of small arms and pieces of artillery projectiles.

Modernization of the 122 mm self-propelled howitzer 2S1 has achieved effects such as shortening the time required to orient and direct barrel to the target, shortening the reaction time of the system, increasing the effect on the target by shooting in MRSI mode, reducing the retention time of the howitzer in the firing position, achieving greater precision and accuracy of shooting, increasing the firepower of the system, increasing the probability of survival, the possibility of independent operation of the system, improving the working environment of the crew.

TECHNICAL CHARACTERISTICS:

Armament, caliber:	1 x turret mounted 122 mm 2A31 howitzer 1 x roof mounted 7,62 mm M86 machine gun
Range:	15,2 km, OF-462 HE projectile 18,3 km, M10 BT HE projectile 21,5 km, M10 BB HE projectile
Rate of fire:	6rds / min
Rate of fire in MRSI mode:	5 to 6 rds
Ammunition:	howitzer/ machine gun: 40 / 250 rds
Autonomy:	Own FCS (Firing Control System) integrated Own INS (Inertial Navigation System) integrated
Short time to prepare to open fire:	Ballistic module integrated
Conformity:	Driver visualization system, Surveillance commander system, Air conditioning and heating system and fire protection system

