



Msta-S

The modernized 155mm Msta-S self-propelled howitzer is designed to engage (neutralize) enemy artillery and mortar batteries; tanks, anti-tank and other armored vehicles; manpower and fire means, control points, air defence, missile defence and electronic weaponry; destroy field fortifications and other defensive structures; deny the enemy's ability to maneuver its infantry and armored reserves.

Advantages of the self-propelled howitzer:

- lowest weight among 155mm/52-caliber SPGs;
- the gun can be loaded at any angle of elevation and a traverse through 360 degrees;
- automatic laying and laying recovery after each shot;
- capability to cross water obstacles up to 5 meters deep and up to 1,000 meters wide;
- original mechanisms feeding projectiles and charges from the ground provide high-rate firing without using the carried ammunition load;
- gun laying and firing are possible in emergency in the event of power failure.

An automated laying and fire control system (ALFCS) installed on the self-propelled howitzer, combined with artillery fire control vehicles, provides highly effective counter-battery fire. The use of the ALFCS reduces the emplacement time 1.5-2 times, shortens the time to open fire by 25-30%, and doubles the survivability of the 2S19M1-155 self-propelled howitzer on the battlefield.

The self-propelled howitzer can deliver both indirect and direct fire only at the halt without the preliminary preparation of firing positions. Laying method is automatic, semi-automatic, manual.

Características básicas:

- Weight, t: 43,0
- Length, m: 12,42
- Width, m: 3,38
- Height, m: 2,98
- Barrel length, caliber: 52
- Ammunition employed: NATO standard, Bofors, ERFB, Krasnopol-M guided projectile
- Max range of fire, km:
 - HE projectile: 30,0
 - base-bleed HE projectile: 41,0
- Carried ammunition load, rds: 45
- Rate of fire, rds/min: 6-8
- Time to open fire after receiving the target coordinates, min : 0,5



- Laying angles, deg:
 - elevation: -4...+70
 - traverse: 360
- Loading: automatic loading of projectiles and charges (charges are fed manually)
- Operational range, km: 500
- Max speed, km/h: 60
- Crew: 5



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