

## Arty Bty (152mm/48 2A37 2S5 Giatsint-S Self-Propelled Howitzer x 6) -

### Soviet Union [-1991]

Type: Mobile Vehicle(s)

Commissioned: 1977

Operator: Red Army

Length: 0 m

Width: 0 m

Crew: 1



Sensors / EW:

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Weapons / Loadouts:

- 152mm/48 HE - (Howitzer) Gun. Surface Max: 22.2 km. Land Max: 22.2 km.
  - 152mm/48 HE Base Bleed - (Howitzer) Gun. Surface Max: 22.2 km. Land Max: 27.8 km.
  - 152mm/48 HE Rocket Assisted - (Howitzer) Gun. Surface Max: 22.2 km. Land Max: 40.7 km.
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**OVERVIEW:** The 2S5 Giatsint-S (Russian for Hyacinth) is a Soviet self-propelled long-range 152mm gun.

**DETAILS:** The 2S5 152mm self-propelled gun was first seen by the West in 1981. It was developed along with the towed gun 2A36 to provide self-propelled long range fire support. The 2S5 was particularly suited for counterbattery fire due to its long range. The 2S5 is fitted with a 2A37 152mm/54 barrel (8.2m long, nearly 27 feet) which is essentially the same gun as the 2A36 but adapted to a self-propelled chassis. It uses the same ammunition as the 2A36, which is not the same ammunition as the D-20 or 2S3 even though they are all 152mm weapons. The 2S5 does not have a 360 degree turret like the 2S3 so it is limited in traverse without moving the entire vehicle. Like the 2A36, the 2S5 is also equipped with a hydro-pneumatic loading assist mechanism to ram the projectile into the breech and is capable of firing six rounds per minute. Standard ammunition is a 46kg HE-Fragmentation round with a range of 27,000m (14.5nm), smoke, illumination, anti-tank, and chemical. Also available is a low-yield nuclear round (up to 2kt) and "cargo shells" which can deploy DPICM submunitions, scatterable mines, leaflets, and active & passive communications jammers. An extended range Rocket Assisted Projectile (RAP) HE-Frag round is also used, giving the gun a range of 40,000m (21.5nm).

**NOTES:** The self-propelled 2S5 replaced the M-46 130mm towed gun in the gun battalions of the Army artillery brigade and Front level artillery division and provided a significant increase in performance over the M-46. Unlike most Soviet

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weapons, the 2S5 was rarely exported although it does serve in some of the republics of the former USSR. Most 2S5 that were produced are still in service today.

SOURCES: FM 100-2-3. Washington D.C.: Headquarters, Department of the Army, 1991 ; Weaponsystems.net. "2S5 Giatsint" Accessed November 17, 2013.

<http://www.weaponsystems.net/weapon.php?weapon=DD04%20-%202S5%20Giatsint> ; EnemyForces. "2S5 "Giatsint" 152-mm Self-Propelled Artillery Gun." Accessed November 17, 2013.

<http://www.enemyforces.net/artillery/giatsint.htm>.