

## Arty Bty (152mm/48 2A36 Giatsint-B Towed 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 2A36 Giatsint-B (Russian for Hyacinth) is a Soviet towed long-range 152mm gun.

**DETAILS:** The 2A36 towed 152mm gun was first seen by the West in 1976. It was developed along with the self-propelled version 2S5 to provide long range fire support. The 2A36 was particularly suited for counterbattery fire due to its long range. A 49 caliber length barrel was standard issue but there were some 2A36 fitted with a 54 caliber length barrel (8.2m long, nearly 27 feet). The 2A36 did not fire the same ammunition as the D-20 or 2S3, and although it is the same caliber weapon as the D-20 and 2S3, its standard HE-Frag round was slightly heavier. The 2A36 was also equipped with a two-axle carriage and a hydro-pneumatic loading assist mechanism to ram the projectile into the breech. The gun is large and heavy (nearly 10 tons) but can still be manhandled by its 8-man crew 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 2A36 replaced the M-46 130mm 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 weapons, the

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2A36 was rarely exported (Finland, Iraq, and Lebanon being the notable few operators), although it does serve in some of the republics of the former USSR.

SOURCES: FM 100-2-3. Washington D.C.: Headquarters, Department of the Army, 1991 ; Weaponsystems.net. "2A36" Accessed November 17, 2013. <http://www.weaponsystems.net/weapon.php?weapon=DD03%20-%202A36>.