

RS-28 Sarmat

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RS-28 Sarmat Latest News

As tensions escalate between the United States and Russia, the spotlight is back on one of the deadliest weapons in Russia's nuclear arsenal, the RS-28 Sarmat intercontinental ballistic missile (ICBM), dubbed 'Satan 2' by NATO.

About RS-28 Sarmat

- The RS-28 Sarmat is **Russia's** new generation **intercontinental ballistic missile**.
- It is named after the Sarmatian people of the fourth and fifth century BC.
- It has also been **referred to in the West as the "Satan II"**.

RS-28 Sarmat Features

- It is a **three-stage, liquid-fueled** missile with a **range of 18,000 km** and a **launch weight** of more than **208 tonnes**.
- It is the **world's heaviest ICBM**.
- The missile is 35.3 meters long and 3 meters in diameter.

- **Maximum speed of 25,500 kph (about Mach 20).**
- It can carry a 10-ton payload and can load a wide variety of warhead options.
- It can **carry up to 16 independently targetable nuclear warheads** as well as **Avangard hypersonic glide vehicles**.
- **Each warhead** gets its guidance system, **using inertial navigation, GLONASS** (Russia's GNSS), **and Astro-inertial tech to stay on target.**
- While the RS-28 Sarmat can be launched much like a regular ICBM, it is thought to be **also capable of** what is called **fractional orbital bombardment**.
- A fractional orbital bombardment means **firing an ICBM into a low orbit** of the Earth – much **lower than a conventional firing – potentially in the opposite direction to the target.**
- The Sarmat reportedly could **deliver warheads 2,000 times as powerful** as the **atom bombs dropped on Hiroshima and Nagasaki** in 1945.

Source: [N18](#)

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