

Agni-3 Missile

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Agni-3 Missile Latest News

Recently the Intermediate Range Ballistic Missile 'Agni-3' was successfully test-fired from the Integrated Test Range, Chandipur, Odisha.

About Agni-3 Missile

- It is an indigenously developed **intermediate-range ballistic missile (IRBM)**.
- It is a **surface-to-surface** ballistic missile.
- It is one of the **sophisticated and accurate missiles** of its class and has already been **inducted into the armed forces**.

Features of Agni-3 Missile

- The missile is **two-stage and solid-fuelled**, capable of **carrying a 1,500 kg payload**.
- **Range:** 3,000–3,500 km

- It is designed **primarily as a nuclear delivery system**, with an estimated warhead yield of 200–300 kilotons.
- The missile measures 16.7 metres in length, 2 metres in diameter and has a launch weight of 48,300 kg.
- It uses a **strapdown inertial navigation system** (INS) supported by GPS, giving it an accuracy of around **40 metres circular error probable** (CEP).
- Its first stage uses a **maraging steel motor case**, while the second stage employs a **carbon-fibre motor case**, both featuring thrust vector control systems for improved accuracy and stability.
- Due to its high range of circular error probable (CEP), the Agni-3 missile is known as one of the world's most **accurate strategic ballistic missiles of its range class**.

Source: PIB

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