

Ghassem Basir Missile

May 6, 2025 • vajiramandravi.com



Ghassem Basir Missile Latest News

Iran recently unveiled a new solid-fuel ballistic missile named Ghassem Basir.

About Ghassem Basir Missile

- It is a new **medium-range ballistic missile (MRBM)** developed by **Iran**.
- It is designed to strike targets located more than **1,200 kilometers** away.

Ghassem Basir Missile Features

- The missile's length is estimated to be approximately 11 meters, with an overall weight of roughly 7 tons.
- The missile's airframe is apparently manufactured using carbon fiber composite materials, reducing structural mass and radar cross-section.
- The warhead is reported to weigh approximately 500 kilograms.
- The **propulsion system is based on solid fuel**, which enables **quicker launch readiness** and more **stable storage conditions** compared to liquid-fueled alternatives.

- It can reach speeds up to Mach 12.
- The **guidance system features a thermal imaging sensor**, allowing the missile to identify and home in on targets using heat signatures during its terminal flight phase.
- Additionally, the missile is **equipped with a maneuverable reentry vehicle (MaRV)** that separates from the booster and is designed to decrease drag, reduce radar observability, and improve ballistic efficiency.
- It can reportedly be launched from mobile transporter-erector-launchers (TELs), including platforms that resemble civilian trucks.

Ghassem Basir Missile FAQs

Q1. Which country developed the Ghassem Basir missile?

Ans. Iran

Q2. What type of missile is the Ghassem Basir?

Ans. Medium-range ballistic missile (MRBM)

Q3. What is the reported maximum range of the Ghassem Basir missile?

Ans. Over 1,200 kilometers

Source: [NDTV](#)

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