

Invar Missile

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INVAR Missile Latest News

The Ministry of Defence recently inked an agreement with Bharat Dynamics Limited for the procurement of INVAR Anti-Tank Missiles worth over 2 thousand 95 crore rupees to enhance the lethality of T-90 tanks.

About INVAR Missile

- It is an **anti-tank guided missile (ATGM)** designed to be **launched from tank platforms**.
- The Invar missile, capable of being **fired from the barrel of T-90 tanks**, has **been in active deployment by Indian forces** and is known for its long-range precision strike capability.
- The missile can **neutralise adversaries tanks fitted with Explosive Reactive Armour Protection**.
- The Invar missile is **built by Rosoboronexport of Russia**, and it is **produced under license in India by Bharat Dynamics Limited (BDL)**.

INVAR Missile Features

- The missile uses **semi-automatic laser beam-riding guidance**, making it **resistant to electronic jamming**.
- It can **destroy both stationary and moving targets traveling at speeds up to 70 kilometres per hour**.
- Weighing 17.2 kilograms with a length of 695 millimetres, the Invar features a **tandem warhead** specifically designed to defeat explosive reactive armour, a defensive system commonly fitted to modern battle tanks.
- The missile is **fired through the tank's main gun barrel** and guided to the target by the gunner using the vehicle's integrated fire-control optics.
- Other technical features include a length of 695 mm (missile) and 395 mm (throwing device).
- It has a calibre of 125 mm and a **range of 5000 m**.

Source: NOA

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