

BRAHMOS Missile

Indian Army's Cutting-Edge Weapon System

The infusion of high technology based precision weaponry has enhanced the lethality of future warfare manifold and India is re-organising its mechanised forces to achieve strategic mobility and high-volume firepower for rapid thrusts into enemy territory. The future weapon systems of Indian Armed Forces have become 'intelligent, autonomous and network centric' for which BRAHMOS has emerged as the perfect strike weapon with a fine combination of speed, precision, power, kinetic energy and reaction time attributes.

The BRAHMOS supersonic cruise missile system, with its multi-role capability, universality and utmost lethality, has carved a distinct place for itself in the Indian Armed Forces. The weapon stands out as the only Universal supersonic cruise missile system in the whole world with the capability of neutralising Land or Sea based targets from variety of platforms.

The Indian Army holds pride as one of the world's largest standing armies that has consistently displayed its mettle across diverse battlegrounds. Empowering this force further is none other than the formidable 290-km range supersonic BRAHMOS missile, which has elevated its power and effectiveness in various combat zones.

The two-stage BRAHMOS missile, capable of flying at a top speed of 2.8 Mach, carries a conventional warhead of approx. 300 kgs, thus delivering with high-precision, devastating power at supersonic speed. The advent of the BRAHMOS supersonic cruise missile has given the Indian Armed Forces the much needed capability to undertake deep surgical strikes. The supersonic missile has evolved over the years and added many more variants – from 'sea-to-land', 'sea-to-sea', 'land-to-land', 'land-to-sea', 'sub-sea-to-land', 'sub-sea to sea' and Air-Launched configurations.

The Indian Army has already inducted mobile land-based configuration of formidable BRAHMOS weapon system in its arsenal. The Indian Army has become the first army in the world to

have a regiment of supersonic cruise missiles with advanced capabilities in its inventory. Induction of BRAHMOS in the Indian Army has rendered the armed forces an unmatched potential. The weapon has also become the mainstay of the Indian Army's artillery firepower.

The missile is also in service with the Indian Navy and Indian Air Force and



has multiplied tremendous firepower capabilities of the Indian Armed Forces. With the theme 'Atmanirbhar Bharat Abhiyaan' leading the nation towards indigenisation of products, BrahMos programme, has successfully indigenised major systems and sub-systems. All launcher systems for the weapon are also being manufactured domestically. 100% of ground support equipment for the weapon complex are also being made in India.

"The invincible BRAHMOS missile

powered with Atmanirbharta has given the Armed Forces the much needed capability and punch to undertake deep surgical strikes to annihilate enemy assets and installations," said Shri Atul Dinkar Rane, DG (BrahMos), DRDO and CEO & MD, BrahMos Aerospace.

BrahMos Aerospace also possesses a full-fledged design centre, an Missile Industrial Consortium for producing different sub-systems, a world-class integration, and check-out facilities with stringent quality control, which involves over 200 small and medium Indian public and private defence sector enterprises and institutions.

Today, BRAHMOS has penetrated the international market with the most potent weapon system for precision strike and a Force Multiplier in Network Centric Warfare.

"The Republic of the Philippines is our first foreign customer nation with whom we have signed a historic export deal in 2022 to deliver Shore Based BRAHMOS Anti-Ship Missile System to the Armed Forces of Philippines. With this remarkable feat, BrahMos has come a long way, charting milestones after milestones. Our vision is to remain as the world leader in the field of Cruise Missile Systems," noted Dr. Sanjeev Kumar Joshi, Dy CEO of BrahMos Aerospace.

BrahMos Aerospace now aims to take it to the next level by designing and developing even more lethal and powerful variants of the existing weapon, which promises to revolutionise future warfare in a significant way.

Jointly developed by DRDO and NPOM, the potent BRAHMOS missile is a unique example of the partnership between India & Russia in critical areas of research and development. BrahMos Joint Venture has set the brightest example for the defence industry to build strong partnerships and work jointly towards realising the larger goal of producing sophisticated and highly advanced military systems.

BrahMos Aerospace felicitates the Indian Army on 76th ARMY DAY.

