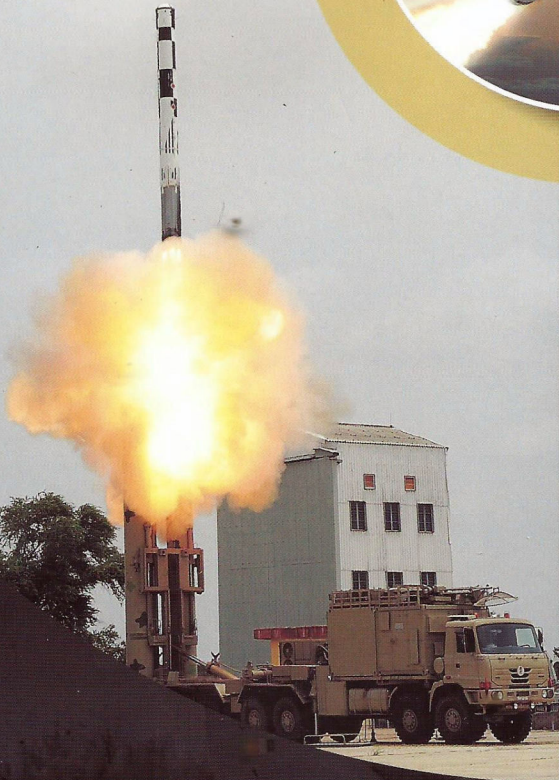



BRAHMOS

Supersonic Cruise Missile



The Missile with a Niche



BrahMos
JV of DRDO, India & NPOM, Russia

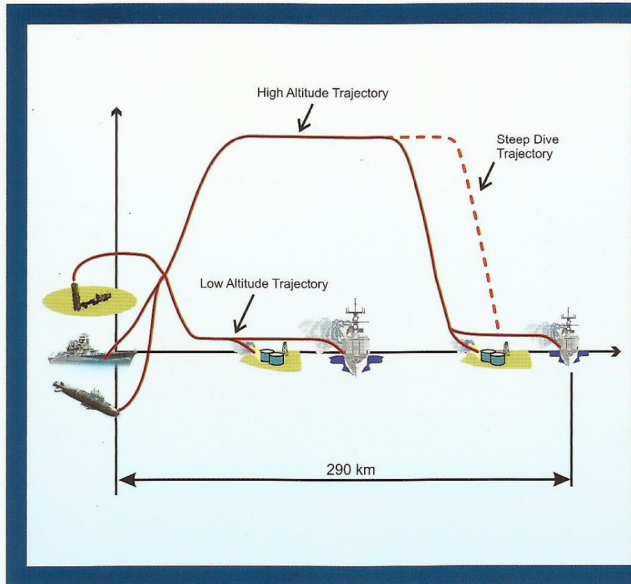
BRAHMOS

SUPERSONIC CRUISE MISSILE

BRAHMOS is a Supersonic Cruise Missile capable of being launched from multiple platforms based on land, sea, sub-sea and air against sea and land targets.

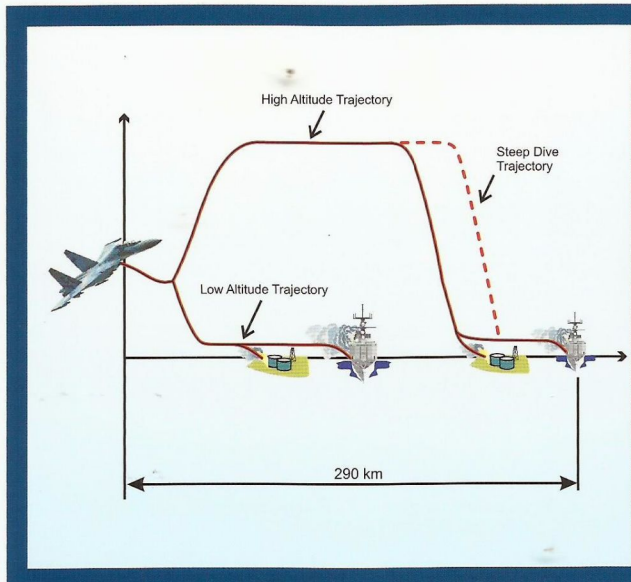
GENERAL CHARACTERISTICS

NAVAL / LAND VARIANT



Maximum range	▶ 290 km
Maximum velocity	▶ Mach 2.5 - 2.8
Altitude :	
- cruise	▶ 15 km
- terminal	▶ 10 - 15 m
Warhead mass	▶ 200 - 300 kg
Dimensions	▶ 9000 mm (L), 700 mm (D)
Weight	▶ 3000 kg

AIR VERSION



Maximum range	▶ 290 km
Maximum velocity	▶ Mach 2.5 - 2.8
Altitude :	
- cruise	▶ 15 km
- terminal	▶ 10 - 15 m
Warhead mass	▶ 200 - 300 kg
Dimensions	▶ 8500 mm (L), 650 mm (D)
Weight	▶ 2550 kg

The Advantages

- **High Lethality with Greater Effectiveness**
- **Land Attack / Anti Ship Capabilities**
- **Fire and Forget Principle of Operations**
- **Multiple Trajectories**
- **Large Engagement Envelop**
- **Way Point Capability**
- **Transport cum Launch Canister**
- **Minimum Deployment Time**
- **High Rate Salvo**
- **Network Centric Architecture**
- **Maximum Shelf Life**
- **Comprehensive Life time Maintenance Support**
- **Lowest Life Cycle Cost**
- **One Point Total Solutions Provider**

BRAHMOS Supercedes most popular Subsonic Missiles in the World

- In velocity** – by 3 times
- In flight range** – by 2.5 - 3 times
- In seeker range** – by 3 - 4 times
- In kill energy** – by 9 times

CAPABILITY ENHANCEMENT

BRAHMOS

Anti-Ship Version and Precision Strike



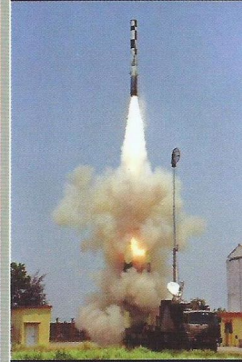
Applications:
**Sea to Sea
Sea to Land**

Primarily to be used in Naval Platforms against Ship and Coastal Targets

BRAHMOS

BLOCK-I

Anti-Ship Version and Precision Strike



Applications:
Land to Sea

Primarily to be used for Coastal Defence

BRAHMOS

BLOCK-II

Land Target with Discrimination and Surgical Strike Capability



Applications:
Land to Land

Desert Warfare and Urban Warfare

BRAHMOS

BLOCK-III

High Manoeuvrability and Supersonic Steep dive



Applications:
Land to Land

Mountain Warfare Surgical Strike capability

BRAHMOS

AIR VERSION

Aircraft Carrier Killer and Surgical Strike Capability

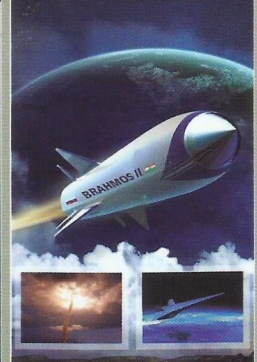


Applications:
**Air to Sea
Air to Land**

Steep dive capability with pin point accuracy

FUTURISTIC BRAHMOS-II

HYPERSONIC



Speed of Mach 5-7 with High Precision

20 SUPERSONIC YEARS

1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018

Inking the Inter Governmental Agreement on 12th February 1998



First Launch of BRAHMOS Missile on 12th June 2001



First Inclined Launch of BRAHMOS Missile from Naval Platform on 23rd November 2003



Land Attack Version of BRAHMOS Missile on 31st May 2006



Diversified Naval Launch Dynamics realising extreme Manoeuvre on 21st March, 2010



Indian Navy Fires BRAHMOS Missile from INS Teg on 7th October, 2012 in a complex multi threat environment including sub surface & air threats



BRAHMOS Flight test from SU-30 MKI against Ship Target on 22nd November, 2017



BRAHMOS SUPERSONIC CRUISE MISSILE

WORLD LEADER IN CRUISE MISSILE FAMILY



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