

## **Meteor Missile**

After defeating Pakistan in the recent conflict through Operation Sindoora, India is set to further enhance its air combat capabilities through the planned acquisition of a substantial number of Meteor air-to-air missiles.

### **About Meteor Missile**

It is an advanced radar-guided, beyond-visual-range air-to-air missile (BVRAAM).

METEOR has been developed by a group of European partners led by MBDA to meet the needs of six European nations: the UK, Germany, Italy, France, Spain, and Sweden.

MBDA is a European multinational corporation specialized in the design, development, and manufacturing of missiles and related systems.

### **Meteor Missile Features**

It has a length of 3.65 m and a diameter of 0.178 m.

Unlike most similar solid-fuel missiles, the Meteor is equipped with a ramjet engine, which allows for controlled flight speed and complex maneuvers.

It has a range of up to 200 kilometres.

Designed for a speed greater than Mach 4, the missile has a large no-escape zone.

Guided by an advanced active radar seeker, Meteor provides all-weather capability to engage a wide variety of targets from agile fast jets to small UAVs and cruise missiles.

It is equipped with a two-way datalink, which allows the launch platform to provide updates on targets or re-targeting when the missile is in flight.

It is equipped with a blast-fragmentation warhead.

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