



MISTRAL ATLAS

THE TWIN MISTRAL MANUAL LAUCHER



ATLAS is a twin manual MISTRAL missile launcher, which can be mounted on vehicle or easily deployed on ground.

ATLAS is extremely easy to operate with its missile fire-and-forget system, much like the single missile launcher, MANPADS. The gunner simply needs to detect the target through the thermal sight, activate the MISTRAL seeker and fire after the missile is locked on the target.

ATLAS allows firing of two MISTRAL missiles in five seconds and reloading in less than 30 seconds.

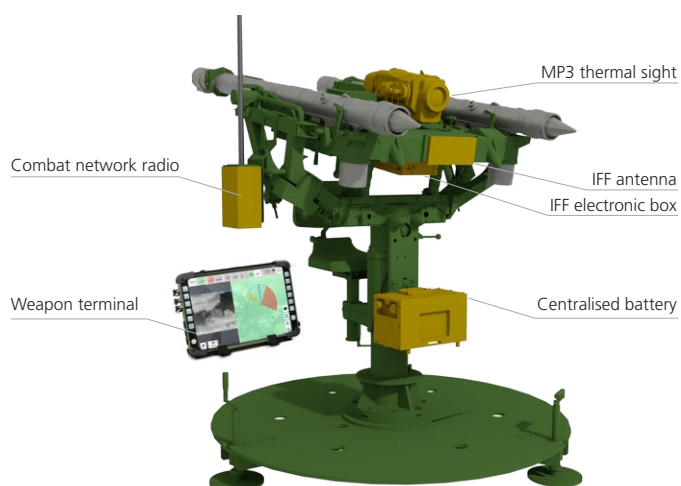
Mistral ATLAS effectiveness, relying on terminal accuracy and high lethality, is independent from operator's skills and training level with beam-riding systems requesting accurate and constant aiming of the target.

Seated position of gunner provides stability and and reduces fatigue to maintain readiness throughout the mission. It also aids in precision for easy target designations, whatever the target characteristics. This includes high crossing speeds and high elevation or manoeuvres.

As MISTRAL is fire-and-forget, once the missile leaves the launcher, the firing team are ready to fire the second missile or move to another position.

Operational key features

- Able to fire two missiles in five seconds
- Reloading of two missiles in less than 60 seconds
- Discreet and easy to deploy
- High mobility



GROUND BASED AIR DEFENCE

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Effectiveness

- Unlimited bearing x 360°
- Elevation aiming from -10° to +50°
- Dismountable in three parts
- Equipped with Infrared and visible thermal sight
- Day/night capability
- High autonomy – 24/7 with centralised batteries
- MISTRAL missile information displayed in thermal sight
- Deployable in standalone or coordinated with MBDA LICORNE C²
- Weapon terminal for team leader:
 - Display thermal sight image
 - Video recording for training, operational post analysis and proof
 - Display of the tactical situation and manage exchanges with MBDA LICORNE C²
- IFF capability in option

Missile characteristics



- Fire-and-forget
- First VSHORAD missile with IR matrix imager
- 20 years lifetime without maintenance
- Over 96% kill probability – demonstrated on operations
- Immune to all known IR countermeasures

Length:	1.88m (incl. launch motor)
Weight:	less than 20kg
Maximum diameter:	~92mm
High manoeuvrability:	up to 30g
Interception range:	up to 8,000m
Interception altitude:	up to 6,000m
Min. interception range:	500m

- High supersonic speed – short interception time
- 3kg warhead coupled with laser proximity and impact fuze
- Qualified for use in extreme conditions
-40°C to +71°C

