



SPADA 2000

GROUND BASED AIR DEFENCE MISSILE SYSTEM

Enhanced all-weather air defence system for the protection of sensitive ground sites (air bases, ports, industrial plants, important buildings).

Deploying powerful ASPIDE 2000 semi-active missiles, the 20km intercept coverage of the system ensures that air platforms are prevented from releasing their airborne weapons from short range.

The basic system configuration comprises:

- A detection centre, for tactical operational control
- Two firing sections (expandable to four)
- One or two missile launcher(s) per firing section

The detection centre combines the Search and Identification Radar and the operational centre within a single shelter.

The firing section is based on the fire control centre (including the tracking and illumination radar and the control unit) and the missile launchers each equipped with six ready-to-fire missiles.

Both the detection centre and the firing sections can be deployed around the defended area at up to 10km relative range, to maximise air defence capabilities in accordance with the required level of protection.

Easily transportable by truck, train or by aircraft (C-130 fully compatible), the system can integrate and co-ordinate additional V-SHORADS and anti-air artilleries (up to 10) deployed within a 10km range from the detection centre. In addition, SPADA can be connected to a higher-level air defence architecture.

The system is in service in Spain and Italy.

Operational advantages

- ASPIDE 2000 missile
- Area intercept coverage c.20km radius
- Well proven in all weather conditions and ECM environments
- Possibility to integrate other lightweight anti-air weapons



Product key features

System architecture

- High degree of modularity and flexibility

Radar coverage

- In excess of 45km

Missile intercept coverage

- In excess of 20km

Engagement capability

- Up to four simultaneous engagements;
more than twelve engagements per sequence

Co-ordination capability

- Up to 10 small anti-air weapons

Air transportable

- C130 Aircraft

Additional features

- Provision for integration with the National Air Defence centres
- Built in 'simulation programme for operators' training
- Mission planning capability

Missile characteristics

Weight:	240kg
Length:	3.7m
Diameter:	0.2m
Speed:	High supersonic

