



ARTILLERIE INRICHTINGEN
ARMAMENTS BV

CAELOR AIR DEFENCE SYSTEMS
AIR DEFENCE SYSTEMS

CAELOR AD-35M

MOBILE TWIN 35 MM
AIR DEFENCE SYSTEM

Mobile very-short-range air defence for mechanized formations, combining stabilized firing on the move with radar/EO tracking and programmable airburst effect.

4 KM RANGE

1,100 RPM

200 READY ROUNDS

MOBILE PLATOON

Three gun vehicles + one C2 vehicle

FIRING ON THE MOVE

Stabilized twin 35 mm turret



CAELOR AD-35M | AIA-ADS-AD35M-MK1

MOBILE VERY-SHORT-RANGE AIR DEFENCE

Artillerie Inrichtingen Armaments BV presents CAELOR AD-35M, a mobile twin 35 mm air-defence system developed to protect mechanized formations and other mobile units against contemporary aerial threats.

The tactical-olive 8x8 gun vehicle combines stabilized firing on the move, radar and electro-optical target tracking, programmable airburst effect and coordinated operation with a mobile command-and-control vehicle.

4 km

PUBLISHED EFFECTIVE RANGE

1,100 rpm

PUBLISHED FIREPOWER

200 rounds

READY-TO-FIRE AMMUNITION

● Artillerie Inrichtingen Armaments BV - Licensed manufacturing programme in the Netherlands



OPERATIONAL CAPABILITY & SYSTEM DATA

CAELOR AD-35M | MOBILE TWIN 35 MM VERY-SHORT-RANGE AIR-DEFENCE SYSTEM

SYSTEM CAPABILITIES

- Mobile air defence of mechanized formations and mobile units
- Stabilized twin 35 mm turret with firing-on-the-move capability
- High-performance tracking radar and electro-optical sensors
- Programmable 35 mm airburst-ammunition capability
- Automatic feed with selection between two ammunition types
- Published effective range of 4 km
- Published firepower of 1,100 rounds per minute
- 200 rounds in ready-to-fire configuration
- Published fighter track-initiation range above 35 km
- Published mobility: above 105 km/h; 60% gradient; 30% side slope

TECHNICAL DATA

SYSTEM ARCHITECTURE

8x8 gun vehicle; twin 35 mm turret; tracking radar; electro-optical sensors; dual-type ammunition feed; C2 data interface

RANGE

4 km

FIREPOWER

1,100 rpm

READY LOAD

200 rounds

INTERFACE / COMPATIBILITY

CAELOR FC-3D and other qualified command-and-control systems; higher-echelon C2 units; programme-specific data interfaces

PHYSICAL

8x8 mobile gun vehicle; twin 35 mm turret; 200 ready rounds; published maximum road speed above 105 km/h

MOBILE AIR-DEFENCE PROFILE

Radar and electro-optical tracking, stabilized firing on the move and programmable twin 35 mm engagement from a mobile 8x8 platform.

MOBILE VSHORAD

FIRING ON MOVE

TWIN 35 MM

PROGRAMMABLE ABM

RADAR TRACKING

ELECTRO-OPTICAL

4 KM RANGE

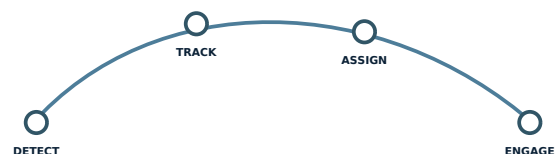
200 READY ROUNDS

SENSOR, C2 & PLATOON INTEGRATION

CAELOR AD-35M combines an 8x8 platform, stabilized twin 35 mm turret, radar/EO tracking and programmable airburst capability. A published platoon comprises three gun vehicles and one C2 vehicle providing 3D search, local air picture, integrated IFF, threat evaluation and weapon assignment. The target set includes fighters, helicopters, UAVs including swarms, air-to-ground missiles and cruise missiles. Integration remains subject to programme-specific interfaces, safety, ammunition and system qualification.



TACTICAL OLIVE MOBILE 8x8 CONFIGURATION



MOBILE SENSOR-TO-WEAPON CHAIN

Published data: 4 km range; 1,100 rounds/min; 200 ready rounds; road speed above 105 km/h.

Export/end-user and airspace approvals apply. Specifications subject to change; tolerance $\pm 10\%$.