



ARTILLERIE INRICHTINGEN  
ARMAMENTS BV

CAELOR AIR DEFENCE SYSTEMS  
AIR DEFENCE SYSTEMS

# CAELOR AD-35C

TRACKED TWIN 35 MM  
AIR DEFENCE SYSTEM

Tracked 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

## TRACKED PLATOON

Three gun vehicles + one C2 vehicle

## FIRING ON THE MOVE

Stabilized twin 35 mm turret



CAELOR AD-35C | AIA-ADS-AD35C-MK1

## TRACKED VERY-SHORT-RANGE AIR DEFENCE

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

The camouflaged tracked gun vehicle combines stabilized firing on the move, radar and electro-optical target tracking, programmable airburst effect and coordinated operation with a tracked 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-35C | TRACKED TWIN 35 MM VERY-SHORT-RANGE AIR-DEFENCE SYSTEM

## SYSTEM CAPABILITIES

- Tracked 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 65 km/h; 60% gradient; 30% side slope

## TECHNICAL DATA

### SYSTEM ARCHITECTURE

**tracked gun vehicle; twin 35 mm turret; tracking radar; electro-optical sensors; dual-type ammunition feed; tracked C2 vehicle**

#### RANGE

**4 km**

#### FIREPOWER

**1,100 rpm**

#### READY LOAD

**200 rounds**

### INTERFACE / COMPATIBILITY

**integrated tracked C2 vehicle; higher-echelon command units; programme-specific interfaces for other air-defence systems**

### PHYSICAL

**Tracked gun and command vehicles; twin 35 mm turret; 200 ready rounds; published road speed above 65 km/h**

## TRACKED AIR-DEFENCE PROFILE

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

TRACKED VSHORAD

FIRING ON MOVE

TWIN 35 MM

PROGRAMMABLE ABM

RADAR TRACKING

ELECTRO-OPTICAL

4 KM RANGE

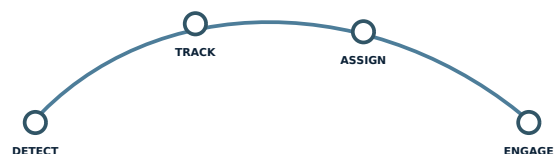
200 READY ROUNDS

## SENSOR, C2 & PLATOON INTEGRATION

CAELOR AD-35C combines a tracked gun platform, stabilized twin 35 mm turret, radar/EO tracking and programmable airburst capability. A published platoon comprises three gun vehicles and one tracked 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.



CAMOUFLAGED TRACKED PLATOON CONFIGURATION



TRACKED SENSOR-TO-WEAPON CHAIN

Published data: 4 km range; 1,100 rounds/min; 200 ready rounds; road speed above 65 km/h.

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