



TRACKFIRE ARES REMOTE WEAPON STATION

Unmatched against unmanned aircraft systems

Offering unparalleled precision, Saab's new Trackfire ARES (Aerial Response) Remote Weapon Station (RWS) redefines the landscape of modern military defence capabilities, providing versatility and reliability across a vast array of platforms.

Trackfire ARES RWS stands as a cutting-edge solution designed to meet today's ever-evolving battle environments. It is capable of firing on the move while fixed to naval ships and land vehicles, as well as being deployed to stationary defence positions.

With its fully stabilised, remotely operated weapons and sensor system, Trackfire ARES RWS ensures top-tier performance in any setting.

Key features:

- Counter UAS – Trackfire ARES RWS neutralises unmanned aerial systems (UAS) threats at close, medium and long ranges from moving and stationary positions
- Exceptional hit performance – reduces ammunition consumption and hits targets with the first round
- Stabilised independent line of sight – ensures consistent target acquisition, for operational success in varied conditions
- Wide integration capacity – compatible with an extensive array of effectors and sensors
- Protected gunner – Trackfire ARES RWS offers crew protection



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Trackfire ARES RWS in use by the Swedish Armed Forces

Effectors

- M230LF Bushmaster 30x113 mm
- M2 HMG 12.7 mm
- FN MAG 58 7.62 mm
- Mk19 40x53 mm
- H&K GMG 40x53 mm
- NLAW
- ECM
- RBS 70 NG

Photo credit: Alexander Gustavsson/Försvarsmakten

Trackfire ARES RWS sets a new standard in UAS countermeasure capabilities. It is specifically engineered to tackle the evolving threat of UASs. With the integration of the M230LF Bushmaster chain gun, Trackfire ARES RWS enhances airspace security, but also minimises ammunition usage without compromising effectiveness. The ability to precisely target and neutralise UAS threats with fewer rounds represents a significant advancement in operational efficiency and cost effectiveness.

Did you know?

- Trackfire RWS is designed for both naval and land applications
- Trackfire RWS is designed at the same entity that designed Ceros 200, EOS 500 and UTAAS (Universal Tank & Anti-Aircraft System)

Firepower

Trackfire ARES RWS can be equipped with a versatile set of weapons to meet the complexities of modern combat environments. Operators can swiftly adapt to changing battlefield conditions by selecting specific armaments for precision engagement.

With the capability to switch between weapons at the touch of a button, operators can select the most effective weapon for any scenario, including ECM jammers. This feature underscores Trackfire ARES RWS' adaptability and strategic depth in firepower, ensuring military forces have the upper hand in every engagement.

Recognised for its comprehensive capabilities, the Trackfire RWS family is actively deployed across a spectrum of global military operations, showcasing its role as a versatile defence solution for both maritime and terrestrial environments, with conventional and special forces, and offers unparalleled defence readiness on both land and sea.

System data

Movement	Angular Azimuth: 360° continuously Elevation: -20° to +55°
Speed	Azimuth and elevation: 120 deg/s
Acceleration	Azimuth and elevation: 400 deg/s ²
Qualified according to MIL-STD-461F, MIL-STD-810G etc.	
Weight and volume director unit:	~280 kg (Excl. weapons and ammunition)
Height	950 mm
Width	1,050 mm

System sensor module data

Thermal imager	Cooled 3.6 to 4.2µm spectral band, medium wave (MW) Optical zoom lens: 1.6° to 27°
Day camera	Optical zoom lens: 2° to 40° Equipped with near infrared, polarisation and neutral density filter
Laser rangefinder (LRF)	Eye-safe, uses a wavelength of 1.55 µm. Class 1 laser, eye-safe IEC 60825-1:2014 PRF: >20 Hz Target range performance: >6.0 km for NATO target (2.3 m x 2.3 m) Distance measuring performance: ±1.5 m



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