

Samson RWS Family™
Remote Weapon Stations
Setting up the new RWS Standard



More than 40 years of experience

Integrated worldwide on thousands of fielded ground platforms, RAFAEL's SAMSON family of advanced RWS delivers high performance with unmatched survivability.

Reliable and battle-proven, RAFAEL's RWS have been adapted to a broad range of tracked and wheeled platforms and accommodate diverse weapons and sensors for customers in more than dozen countries.

Deployed operationally in combat, and in the most adverse environmental conditions, RAFAEL's SAMSON RWS are a robust, dependable force multiplier and a trusted partner for the most challenging missions.

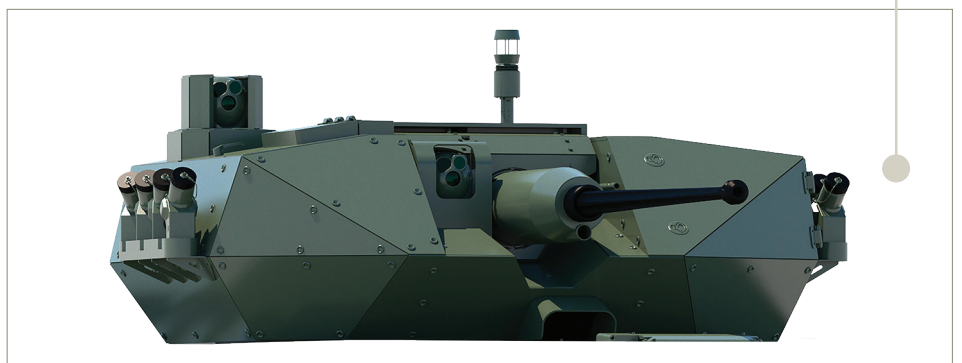
SAMSON 30mm

Enhanced Lethality with High Survivability - Samson Mk II Sets the RWS Standard



The Samson Mk II offers significant improvements, including lower silhouette, optional armor protection, and improved hit accuracy, boosted crew survivability with under-armor reloading, increased rigidity and higher gun elevation capabilities - all which enable improved combat continuity.

Supports Mission Diversity The Samson Mk II enables forces to effectively close the fire loop with varying degrees of firepower, from 7.62mm on the coaxial machine gun, through up to 40mm main gun (western and eastern versions) and up to ATGM (Anti- Tank Guided Missile) engagement ranges. This gives forces mission flexibility in both urban and open country scenarios, with



maximum survivability for the vehicle and crew

Benefits

- High survivability - low silhouette -with under-armor reloading
- High hit and kill probability
- Anti-Tank Guided Missile launcher (optional)
- More cost-effective than manned turret
- Day/night operation and endurance under extreme conditions
- Full day/night "hunt-kill" capabilities
- Compatibility with any wheeled (6*6, 8*8) or tracked platform

SAMSON Dual

The Samson Dual RWS provides both: the simultaneous use of a wide range of main and secondary armaments, alongside enhanced survivability for both crew and platform.

With crew survivability a top priority, RAFAEL's unprecedented under-armor reloading system boosts lethality while maximizing crew protection.

The Samson Dual RWS is a robust system that can be mounted on a variety of vehicles, such as 4x4, 6x6, 8x8 wheeled ground platforms and tracked armored vehicles.

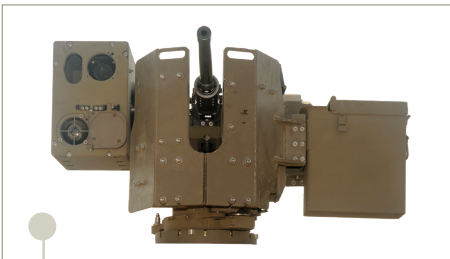
Benefits

- Simultaneously mounts two main and secondary armaments
- Incorporates an Anti-Tank Guided Missile (ATGM) launcher as a force multiplier (optional)

- High performance day/night under adverse conditions
- Rafael-patented under-armor reloading system
- Dual-axis stabilization Weapon decoupling for peacekeeping missions
- Open architecture



SAMSON Mini / SAMSON Mini MLS



This dual-axis, gyro-stabilized RWS is designed for use on light wheeled or tracked combat vehicles, fast attack platforms requiring improved offensive capabilities. This single-weapon RWS accommodates a

variety of armaments including a 5.56mm, 7.62, 12.7 mm, 14.5 mm, 40 mm AGL, ATGM Launcher. Supported by a ballistics-protected multi-sensor Sight Pod, with a mechanism for super elevation ballistic angle calculations, the SAMSON Mini provides a 'round-the-clock' response to battlefield challenges

Benefits

- Fully qualified and tested, serially-produced, operationally deployed in active service globally
- Thousands of units combat-proven worldwide
- Integrated on wide range of tracked and wheeled vehicles
- Anti-Tank Guided Missile launcher (optional)

- High RAMS-T (Reliability, Availability, Maintainability, Supportability and Testability)



Technical Specifications

Parameter	Mini RWS	Dual RWS	30 mm RWS
Type	Dual-axix gyro stabilized system	Dual-axix gyro stabilized system	Dual-axix gyro stabilized system
Main weapon	One of the following: - 5.56 mm* - 7.62 mm* - 12.7 mm* - 14.5 mm KPVT - 40 mm AGL*	One of the following: - 5.56 mm* - 7.62 mm* - 12.7 mm* - 14.5 mm KPVT - LW 30 mm - 40 mm AGL*	One of the following - ATK MK44/44S 30 mm - 2A42 automatic cannon - 40 mm
Secondary weapon	N/A	One of the following: - 5.56 mm* - 7.62 mm* - 12.7 mm*	7.62 mm
ATGM launcher	Optional	Optional	Optional
SGL	Optional	Optional	Optional
Loading / Reloading under armor	-	+	+
Sight Pod (day, night, LRF)	Variety of sight Pods according to customer demands		
Hunter – Killer capability	-	Optional	+
Additional capabilities: - ATTS - ATD	Optional	Optional	Optional

* Western and Eastern versions

Legend:

- AGL – Automatic Grenade Launcher
- SGL – Smoke Grenade Launcher
- LRF – Laser Range Finder
- ATTS – Automatic Target Tracking System
- ATD – Automatic Target Detection



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